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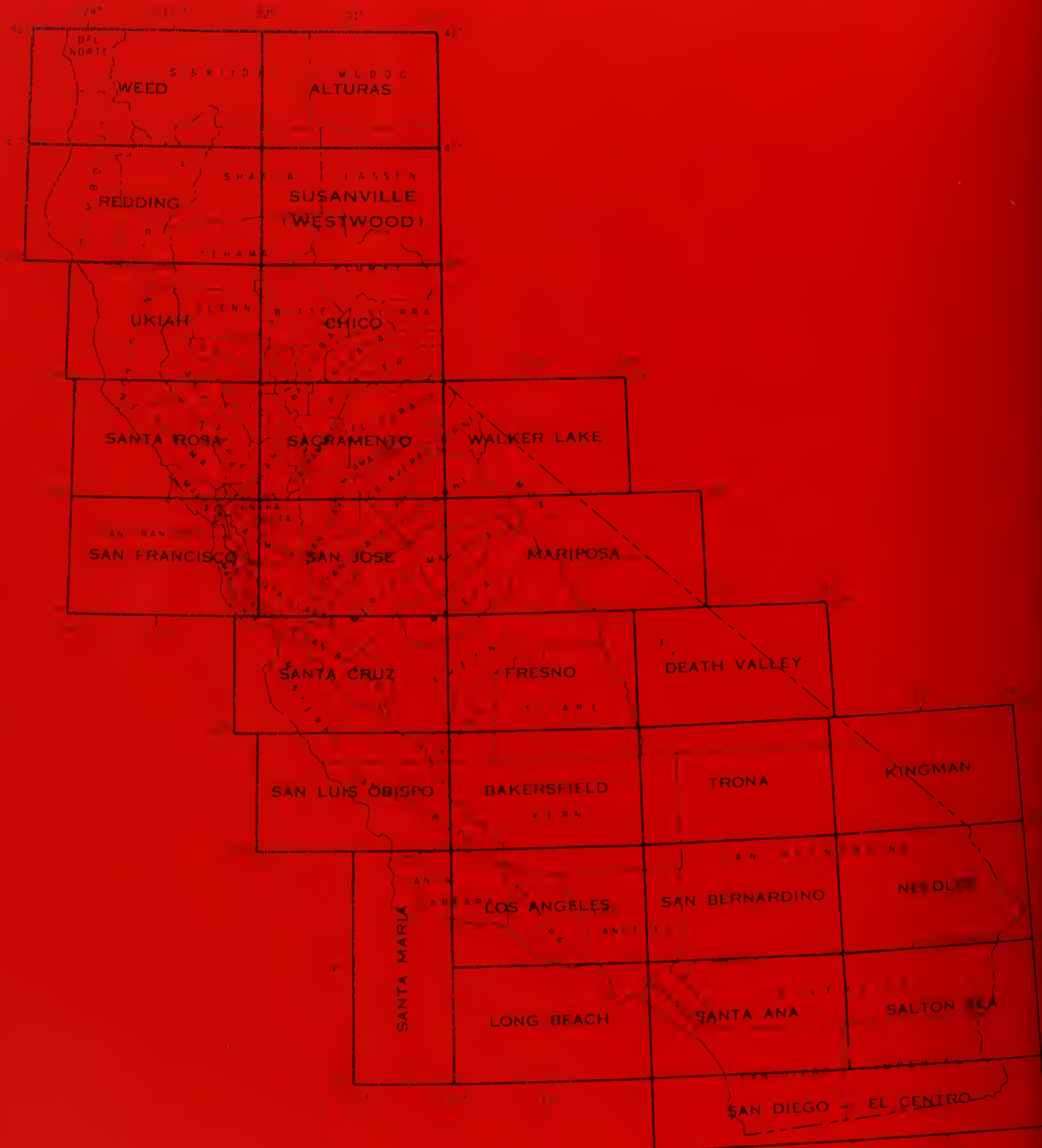
# INDEX TO GEOLOGIC MAPS OF CALIFORNIA, 1969-1975



SPECIAL REPORT 130

California Division of Mines and Geology  
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# INDEX TO GEOLOGIC MAPS OF CALIFORNIA, 1969-1975

by

EDMUND W. KIESSLING and DAVID H. PETERSON

1977

## Special Report 130

CALIFORNIA DIVISION OF MINES AND GEOLOGY

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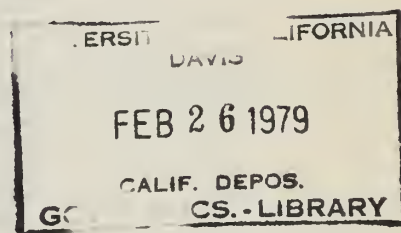
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## ABBREVIATIONS FOR PUBLICATIONS SEARCHED

The following list gives the title or publishing agency of serials and other publications cited or systematically searched for maps for the 1969-1975 index. Abbreviations of publications are in parentheses and are based on U.S. Geological Survey usage. A few rare or miscellaneous publications are not in this list but are fully spelled out in the bibliography. Names of publications examined that contained no geologic maps of California are printed in *italics*.

- American Association of Petroleum Geologists (Am. Assoc. Petroleum Geologists): Bulletins, Guidebooks, Memoirs, Special Volumes, Symposia.
- American Geophysical Union (Am. Geophys. Union): Journal of Geophysical Research.
- American Journal of Science (Am. Jour. Sci.).
- American Mineralogist (American Mineralogist).
- Association of Engineering Geologists (Assoc. Eng. Geologists): Bulletins, Guidebooks, Special Publications — formerly Engineering Geology, Bulletin of the Association of Engineering Geologists, Sacramento, California.
- California Academy of Sciences (Calif. Acad. Sci.): Proceedings.
- California Department of Water Resources (Calif. Dept. Water Resources): Bulletins.
- California Division of Mines and Geology (Calif. Div. Mines and Geol.): Bulletins, California Geology (formerly Mineral Information Service), County Maps, County Reports, Geologic Atlas, Map Sheets, Miscellaneous Maps, Open-File Reports, Special Publications, Special Reports.
- California Division of Oil and Gas (Calif. Div. Oil and Gas): Summary of Operations.
- Cornegie Institution of Washington (Carnegie Inst. Washington): Pubs.
- Economic Geology (Econ. Geology).
- Engineering Geology (Eng. Geology).
- Geochimico et Cosmochimico Acta (Geochim. et Cosmochim. Acta).
- Geological Magazine (Geol. Mag.).
- Geological Society of America (Geol. Soc. America): Bulletins, Engineering Geology Case Histories, Guides, Memoirs, Special Papers.
- Geological Society of Sacramento, California (Geol. Soc. Sacramento, Calif.): Guidebooks.
- Geophysics (Geophysics).
- Journal of Geology (Jour. Geology).
- Journal of Geophysical Research (Jour. Geophys. Research).
- Journal of Paleontology (Jour. Paleontology).
- Journal of Petrology (Jour. Petrology).
- Journal of Sedimentary Petrology (Jour. Sed. Petrology).
- Mineralogical Magazine (Minerolog. Mag.).
- Sedimentary Geology (Sed. Geology).
- Sedimentology (Sedimentology).
- Seismological Society of America (Seismol. Soc. America): Bulletin.
- Society of Economic Paleontologists and Mineralogists, Pacific Coast Section (Soc. Econ. Paleontologists and Mineralogists): Guidebook.
- Society of Exploration Geophysicists, Pacific Coast Section (Soc. Expl. Geophys.): Guidebook.
- Southern California Academy of Sciences (Southern California Acad. Sci.): Bulletin.
- United States Bureau of Mines: Bulletin.*
- United States Geological Survey (U.S. Geol. Survey): Bulletins, Circulars, Geologic Quadrangle Maps, Geophysical Investigations Maps, Journal of Research, Miscellaneous Field Studies Maps, Miscellaneous Geologic Investigations Maps, Open-File Reports, Professional Papers, Water Resources Investigations, Water-Supply Papers.
- University of California (Univ. of Calif.): Publications in Geological Sciences.

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## ILLUSTRATION

Figure 1. Index map of California showing state geologic map sheets .... Inside Front Cover

Letter symbols used in this index refer to the separate index map sheets:

A	Alturas
B	Bakersfield
C	Chica
DV	Death Valley
EC	El Centra
F	Fresna
K	Kingman
LA	Las Angeles
LB	Lang Beach
M	Mariposa
N	Needles
R	Redding
Sac	Sacramento
SA	Santa Ana
SB	San Bernardino
SC	Santa Cruz
SD	San Diego
SF	San Francisca
SJ	San Jose
SLO	San Luis Obispa
SM	Santa Maria
SR	Santa Rosa
SS	Saltan Sea
Su	Susanville
T	Trana
U	Ukiah
WL	Walker Lake
W	Weed

# INDEX TO GEOLOGIC MAPS OF CALIFORNIA, 1969–1975

By Edmund W. Kiessling<sup>1</sup> and David H. Peterson<sup>2</sup>

## INTRODUCTION

The "Index to Geologic Maps of California" series resulted from the exhaustive literature search required to compile the 27-sheet Geologic Atlas of California, Olaf P. Jenkins edition, 1958–69 (scale 1:250,000). This series is constantly updated and published periodically to help the California Division of Mines and Geology and the public keep abreast of all published mapping. This index is the fifth in the series. Its predecessors are:

Special Report 52, Index to geologic maps of California to December 31, 1956, by R.G. Strand, J.B. Koenig, and C.W. Jennings (1958);

Special Report 52–A, Index to geologic maps of California, 1957–1960, by J.B. Koenig (1962);

Special Report 52–B, Index to geologic maps of California, 1961–1964, by J.B. Koenig and E.W. Kiessling (1969);

Special Report 102, Index to geologic maps of California, 1965–1968, by E.W. Kiessling (1972).

### *Scope*

This index cites all surface (areal) geologic maps (scale 1:1,000,000 or larger) "open–filed" or published in reports including guidebooks and proceedings accessible through large public and university libraries. There are about 600 citations. Readers are encouraged to report errors and omissions to the California Division of Mines and Geology.

Graduate–student theses are indexed in the Division's series entitled "Index to graduate theses on California geology."

Open–file reports are becoming an increasingly popular way to release data and constitute a much greater proportion of the literature than in previous indexes. Open–file reports are available for public inspection and reproduction at client's expense at the offices of the California Division of Mines and Geology and the United States Geological Survey, whichever agency issued the reports.

Excluded are all subsurface maps of mines, aquifers, structure contours, and isopachs; geophysical maps; soil maps; location maps to minerals and fossils; and epicenter maps.

### *Arrangement and Use of Index*

**Location System:** As in previous reports, the state has been divided into rectangular areas corresponding roughly to the Geologic Atlas of California (see inside front cover for sheet names). El Centro and San Diego have been separated. The sheets are arranged alphabetically and the references are arranged chronologically on the facing page. Maps covering large areas may appear on two or more index sheets. Maps covering areas smaller than one square mile are shown by an "X". For such areas as Los Angeles and San Francisco, with a great concentration of maps, two or more index sheets have been used for clarity. Authors are indexed at the back. Guidelines, proceedings, and unique reports prepared for special field trips, congresses, conferences, and symposia are cited under the name of the issuing society or the editor.

**Map Numbering System:** The numbering system is the same as that used in the previous indexes in this series. Each map has a two–part code number. The first set of digits is a contraction of the year the map was originally published. The second set identifies the map for that particular year and is assigned in the order in which the map was indexed. "66–54" is thus the fifty–fourth map indexed in 1966. Lower case letters are added to distinguish among several maps in a single report (66–54a). Maps published some years earlier, but republished in a more recent report, have index numbers that reflect the earlier date. Parenthetical annotations after some entries specify specialized or limited data (for example, geologic sketch map; active faults; Quaternary deposits only).

### *Statewide Maps*

The following maps are not cited on each sheet because they cover the entire state:

California Division of Mines and Geology, 1971, Urban geology master plan for California. Phase I: A method for setting priorities: California Division of Mines and Geology Open–File Report 72–24, 2 plates — 1:750,000 scale (geologic map of California compiled and edited by C.W. Jennings, 1971).

Jennings, C.W., 1973, Preliminary fault and geologic map: California Division of Mines and Geology Preliminary Report 13, 2 sheets — 1:750,000 scale. [This map also appears in Crowell (1975) and Jennings (1975) below.]

Crowell, J.C., ed., 1975, San Andreas fault in southern California: California Division of Mines and Geology Special Report 118, 272 p., plate 1 — 1:750,000 scale (south sheet only).

Jennings, C.W., 1975, Fault map of California with locations of volcanoes, thermal springs, and thermal wells: California Division of Mines and Geology Geologic Data Map 1 — 1:750,000 scale.

Radbruch, D.H., and Crowther, K.C., 1973, Map showing areas of estimated relative amounts of landslides in California: U.S. Geological Survey Misc. Geol. Investigations Map I–747 — 1:1,000,000 scale.

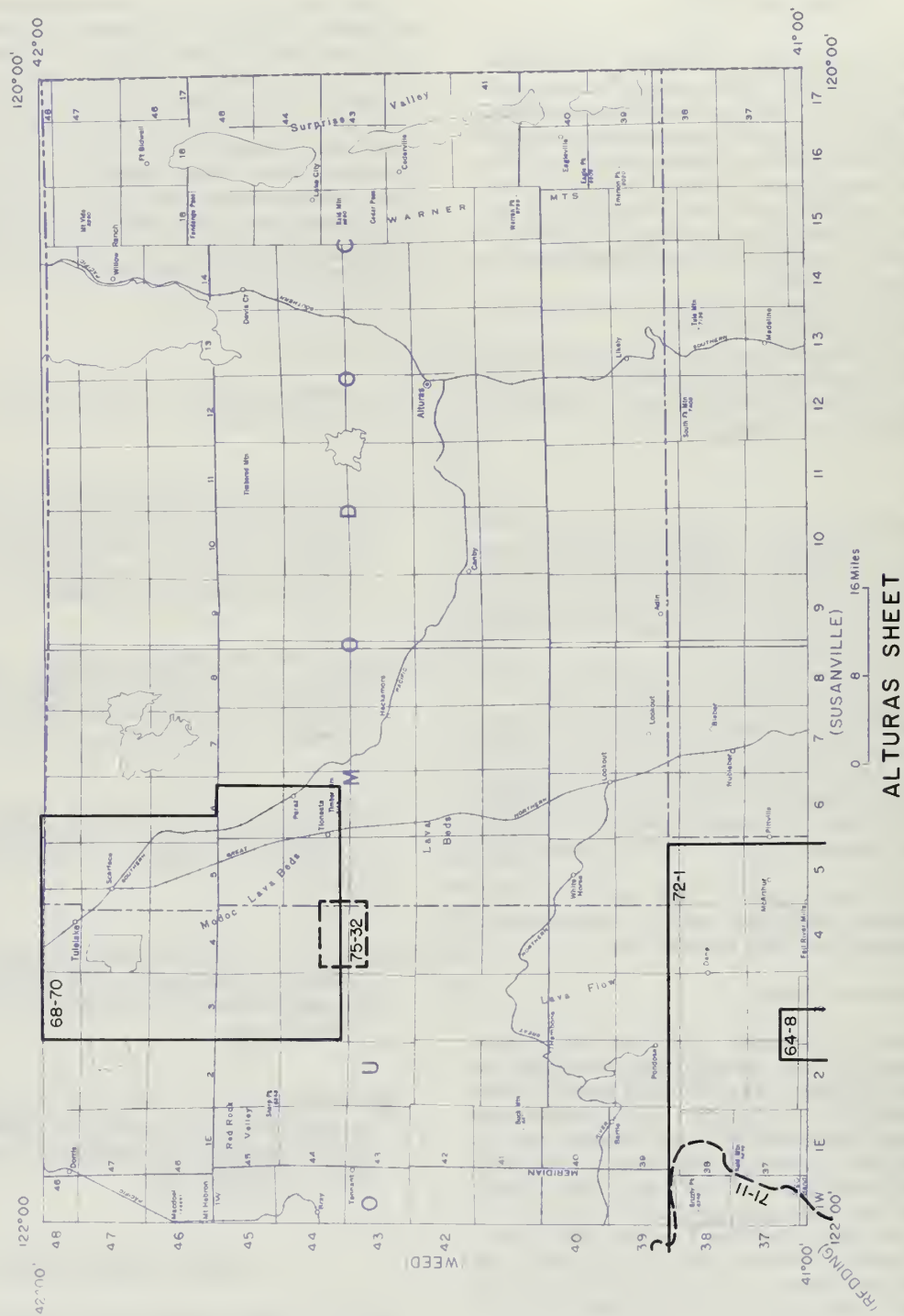
## ACKNOWLEDGMENTS

Russell V. Miller and David R. Smith helped compile the index; Dorothy L. Hamilton, Melinda S. Lackey, Sue E. Torres, Venice Huffman, and Wilma Ashby typed the manuscript. Rodney Wong drafted the map sheets. Charles W. Jennings and R. Merle Smith were consulted throughout the project and their active interest and support were much appreciated.

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<sup>2</sup> Graduate Student Assistant, California Division of Mines and Geology.

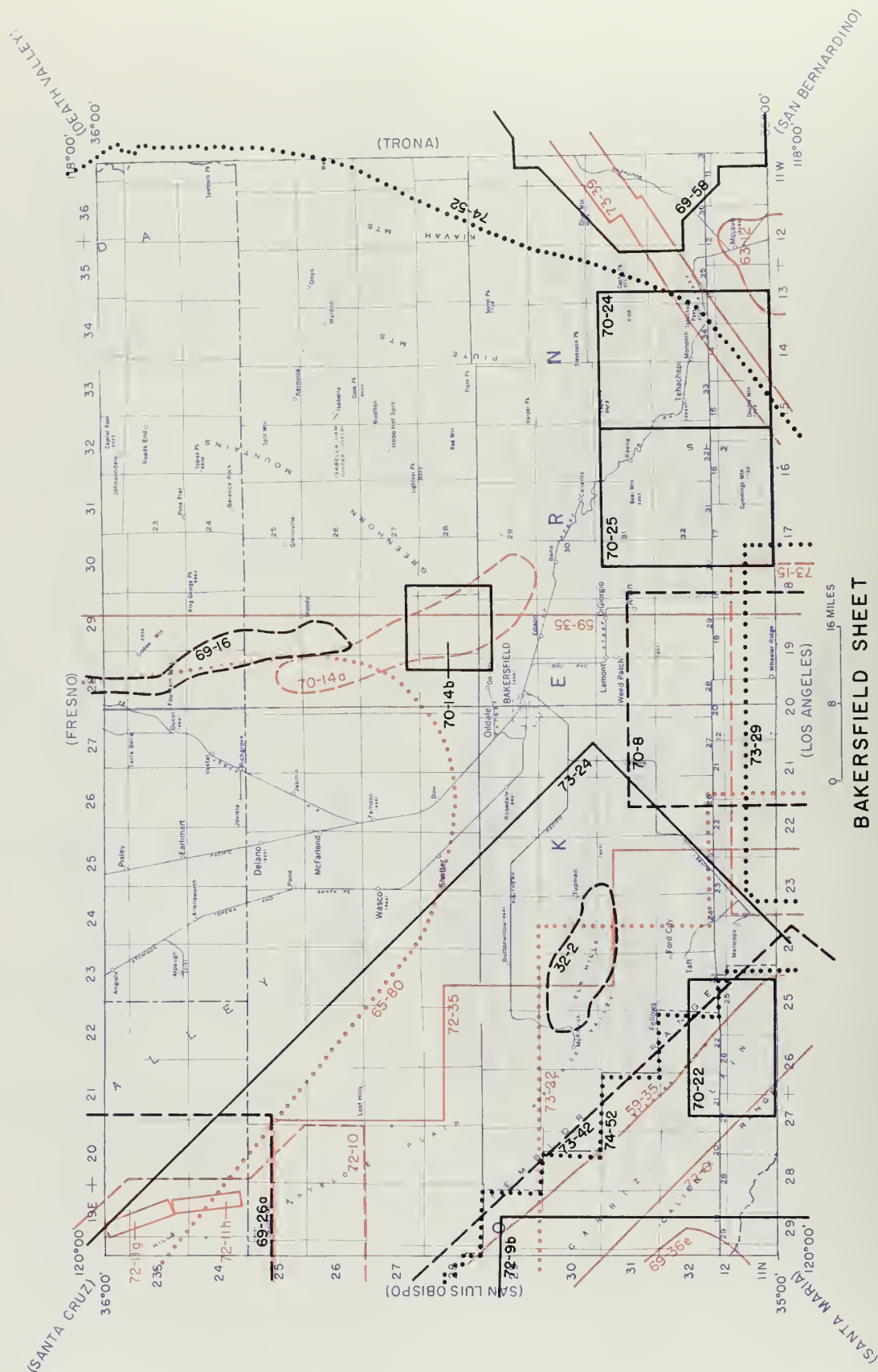






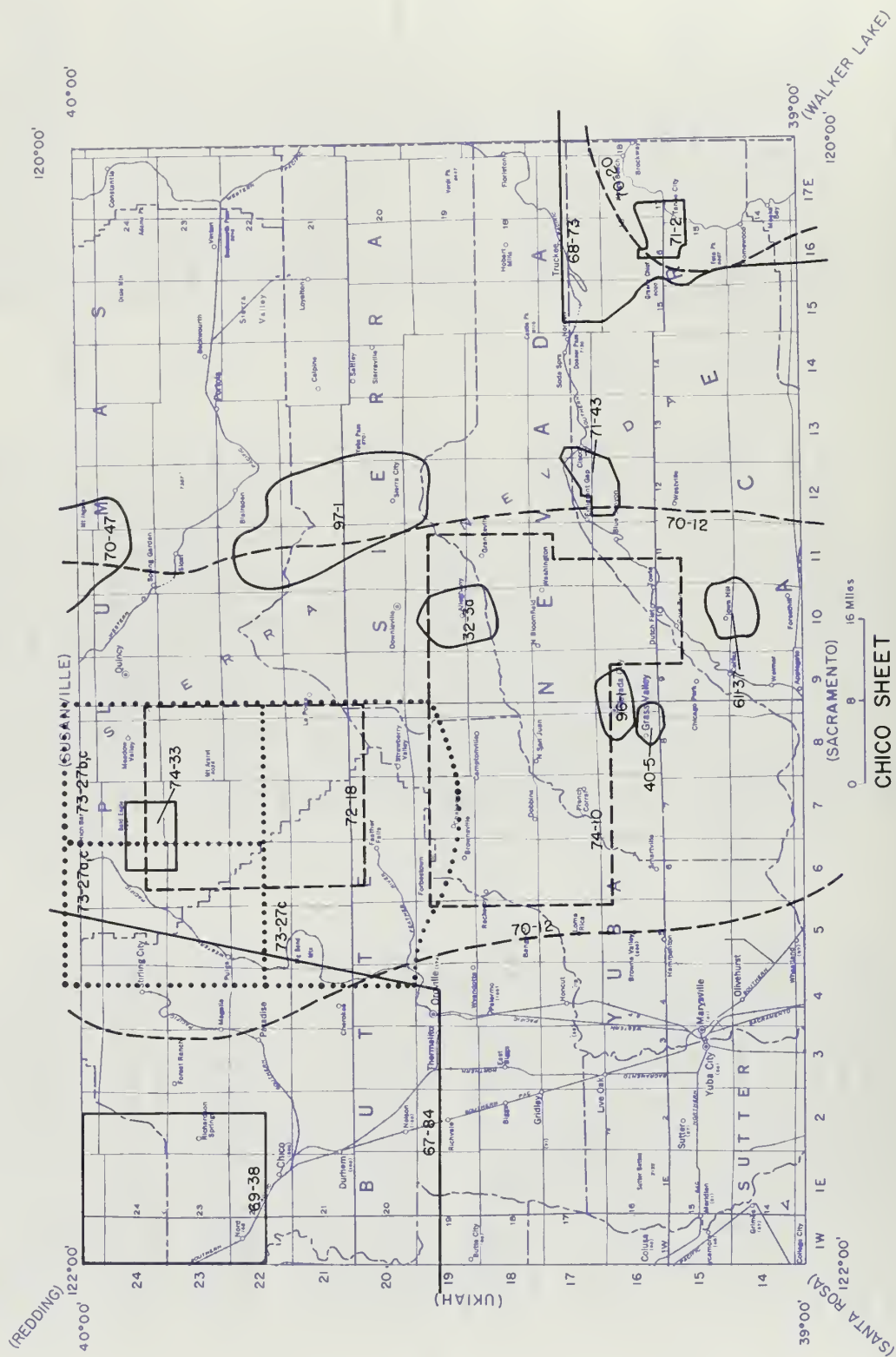
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- 64-8 AUNE, Q.A., 1969, A trip to Burney Falls: California Div. Mines and Geol., Mineral Information Service, v. 17, no. 10; also in Geol. Soc. Sacramento annual field trip guidebook for 1969, p. 185 - 1:24,000.
- 68-70 HOTCHKISS, W.R., 1968, A geologic and hydrologic reconnaissance of Lava Beds National Monument and vicinity, California: U.S. Geol. Survey in coop. with National Park Service, Open-File Report, 30 p., fig. 2 - 1:63,000 (adapted from California Div. Mines and Geol. Geologic Atlas, Alturas Sheet, 1:250,000).
- 71-11 HOTZ, P.E., 1971, Geology of lode gold districts in the Klamath Mountains, California and Oregon: U.S. Geol. Survey Bull. 1290, 91 p., pl. 1 - 1:500,000 (geology compiled from several sources).
- 72-1 LYDON, P.A., and O'BRIEN, J.C., 1974, Mines and mineral resources of Shasta County, California: California Div. Mines and Geol. County Report 6, 154 p., pl. 1 - 1:250,000 (adapted from California Div. Mines and Geol. Geologic Atlas, Alturas, Redding, Weed and Susanville Sheets, 1:250,000).
- 75-32 EICHELBERGER, J.C., 1975, Origin of andesite and dacite; evidence of mixing of Glass Mountain in California and of other circum-Pacific volcanoes: Geol. Soc. America Bull., v. 86, no. 10, p. 1381-1391, fig. 1 - 1:50,000.



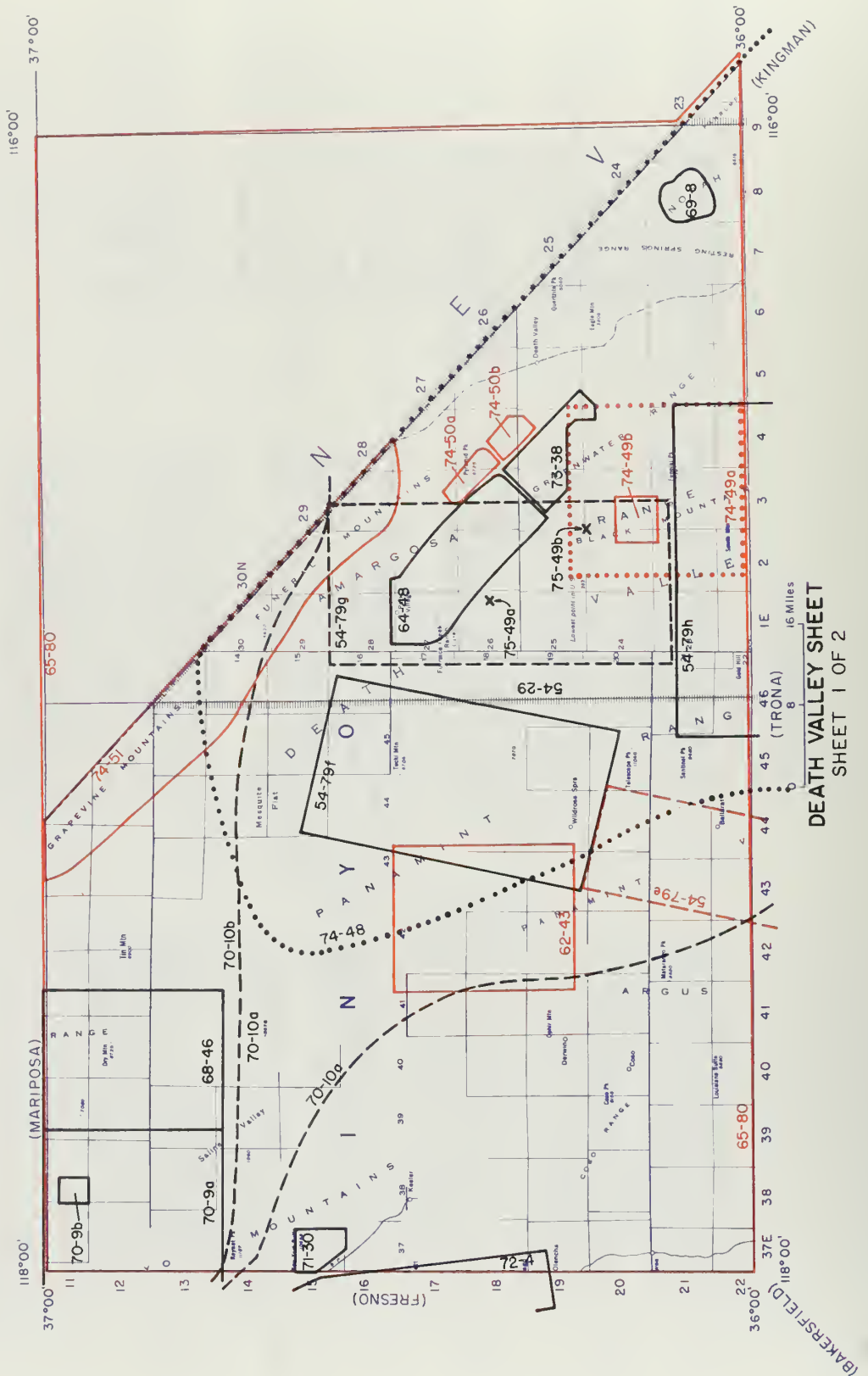
- 32-2 MAHER, J.C., CARTER, R.D., and LANTZ, R.J., 1975, Petroleum geology of Naval Petroleum Reserve No. 1, Elk Hills, Kern County, California: U.S. Geol. Survey Prof. Paper 912, 109 p., pl. 3 - 1:48,000.
- 59-35 LOFGREN, B.E., and KLAUSING, R.L., 1969, Land subsidence due to ground-water withdrawal, Tulare-Wasco area, California: U.S. Geol. Survey Prof. Paper 437-B, fig. 2 - 1:838,000 (geomorphic units).
- 63-12 CLARK, W.B., 1970, Gold districts of California: California Div. Mines and Geol. Bull. 193, fig. 29 - 1:112,000 (modified from U.S. Geol. Survey Bull. 1089-C, pl. 10 and 11).
- 65-80 ORANGE COUNTY in coop. with CITY OF ANAHEIM, Offices of Civil Defense, 1965, Earthquake risk in southern California, 12 p. (mimeo), map (loose) - 1:1,000,000 ("...approx. path of faults and should not be interpreted literally"; an base map of the Automobile Club of Southern California).
- 69-16 LOFGREN, B.E., and KLAUSING, R.L., 1969, Land subsidence due to ground-water withdrawal, Tulare-Wasco area, California: U.S. Geol. Survey Prof. Paper 437-B, fig. 37 - 1:472,500 (3 units mapped).
- 69-26 ADEGOKE, O.S., 1969, Stratigraphy and paleontology of the marine Neogene formations of the Carrizosa region, California: Univ. California Pubs. Geol. Sci., v. 80, 241 p., (a) map 1 - 1:250,000 (modified from California Div. Mines and Geol. Geologic Atlas, Santa Cruz, San Luis Obispo and Bakersfield sheets, 1:250,000).
- 69-36 SOC. ECON. PALEONTOLOGISTS AND MINERALOGISTS, PACIFIC COAST SECTION, 1969, Upper Sespe Creek: Field trip guidebook, Oct. 17-18, 1969, 77 p., (e) map on p. 32 - 1:250,000.
- 69-58 CALIFORNIA DEPT. WATER RESOURCES, 1969, Water wells and springs in the Fremont Valley area, Kern County, California: Bull. 91-16, 157 p., maps 1-17 - 1:62,500.
- 70-8 RILEY, F.S., 1970, Land-surface tilting near Wheeler Ridge, southern San Joaquin Valley, California: U.S. Geol. Survey Prof. Paper 497-G, p. 1-29, fig. 1 - 1:200,000 (White Wolf fault and fold axes).
- 70-14 ADDICOTT, W.O., 1970, Miocene gastropods and biostratigraphy of the Kern River area, California: U.S. Geol. Survey Prof. Paper 642, p. 1-174, (a) fig. 1 - 1:625,000 (marine Miocene exposures); (b) fig. 3 - 1:96,000 (Tertiary formations).
- 70-22 VEDDER, J.G., 1970, Geologic map of Wells Ranch and Elkhorn Hills quadrangles, San Luis Obispo and Kern Counties, California, showing juxtaposed Cenozoic rocks along San Andreas fault: U.S. Geol. Survey Misc. Geol. Investigations Map 1-585 - 1:24,000.
- 70-24 DIBBLEE, T.W., JR., and LOUKE, G.P., 1970, Geologic map of the Tehachapi quadrangle, Kern County, California: U.S. Geol. Survey Misc. Geol. Investigations Map 1-607 - 1:62,500.
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- 72-6 CHIPPING, D.H., 1972, Early Tertiary paleogeography of central California: Am. Assoc. Petroleum Geologists Bull., v. 56, no. 3, p. 480-493, fig. 2 - 1:960,000 (age and flysch facies of Late Cretaceous and Eocene clastic sediment).
- 72-9 DIBBLEE, T.W., JR., 1972, The Rincanada fault in the southern Coast Ranges, California, and its significance (preliminary expanded abstract): Am. Assoc. Petroleum Geologists, Soc. Expl. Geophys. and Soc. Econ. Paleontologists and Mineralogists (Pacific Sections), Program Preprint to Annual Meeting, 16 p., (b) fig. 6 - 1:487,000 (after Vedder and Brown, 1968, Stanford Univ. Pub. Geol. Sci., v. XI).
- 72-10 DIBBLEE, T.W., JR., 1972, Geologic map of northern Temblar and southern Diabla Ranges, Fresno, Kern, Kings, Monterey and San Luis Obispo Counties, California: Am. Assoc. Petroleum Geologists, Soc. Expl. Geophys. and Soc. Econ. Paleontologists and Mineralogists (Pacific Sections), Geology and oilfields, west side central San Joaquin Valley, Annual Field Trip Guidebook, 104 p., plate in packet - 1:25,000 (compiled by T.W. Dibblee, Jr., with local modifications by D.W. Frames, C.C. Church, and E.H. Stinemeyer).
- 72-11 AM. ASSOC. PETROLEUM GEOLOGISTS, SOC. EXPL. GEOPHYS., and SOC. ECON. PALEONTOLOGISTS AND MINERALOGISTS (PACIFIC SECTIONS), 1972, Geology and oilfields, west side central San Joaquin Valley: Annual Field Trip Guidebook, 104 p., (g) map on p. 95 - 1:48,000; (h) map on p. 96 - 1:48,000.
- 72-35 DIBBLEE, T.W., JR., 1972, Geologic maps of fourteen 15-minute quadrangles along the San Andreas fault in the vicinity of Pasa Robles and Chalmers southeastward to Maricopa and Cuyama: U.S. Geol. Survey Open-File Maps, thirteen sheets and index map - 1:62,500.
- 73-15 DIBBLEE, T.W., JR., and NILSEN, T.H., 1973, Geologic map of San Emigdia and western Tehachapi Mountains, Kern County, California: Soc. Econ. Paleontologists and Mineralogists Trip No. 2 for 1973 Annual Meeting, pl. 1 - 1:75,000.
- 73-22 VEDDER, J.G., 1973, Geologic framework and correlation of Miocene rocks in the Caliente Range: Soc. Econ. Paleontologists and Mineralogists Trip No. 2 for 1973 Annual Meeting, p. 42-53, fig. 2 - 1:450,000 (generalized geologic map of the Caliente Range region).
- 73-24 DIBBLEE, T.W., JR., 1973, Stratigraphy of the southern Coast Ranges near the San Andreas fault from Chalmers to Maricopa, California: U.S. Geol. Survey Prof. Paper 764, 45 p., fig. 2 - 1:700,000.
- 73-24 DIBBLEE, T.W., JR., 1973, Regional geologic map of San Andreas and related faults in Carrizosa Plain, Temblar, Caliente and La Panza Ranges and vicinity, California: U.S. Geol. Survey Misc. Geol. Investigations Map 1-757 - 1:125,000 (compilation).
- 73-29 NILSEN, T.H., DIBBLEE, T.W., JR., and ADDICOTT, W.O., 1973, Lower and middle Tertiary stratigraphic units of the San Emigdia and western Tehachapi Mountains, California: U.S. Geol. Survey Bull. 1372-H, 22 p., fig. 1 - 1:380,000 (geology modified from California Div. Mines and Geol. Geologic Atlas, Los Angeles and Bakersfield sheets, 1:250,000).
- 73-39 CLARK, M.M., 1973, Map showing recently active breaks along the Garlock and associated faults, California: U.S. Geol. Survey Misc. Geol. Investigations Map 1-741, 3 sheets - 1:24,000 (strip map showing faults only).
- 73-42 BARTOW, J.A., 1973, Sedimentology of the Simmler and Vaqueros Formations in the Caliente Range-Carrizosa Plain area, California: U.S. Geol. Survey Open-File Report, 163 p., pl. 1 - 1:125,000 (compiled largely from T.W. Dibblee, Jr., 1973, U.S. Geol. Survey Misc. Geol. Investigations Map 1-757).
- 74-52 MOYLE, W.R., JR., 1974, Geohydrologic map of southern California: U.S. Geol. Survey Water Resources Investigation Open-File Map 48-73 - 1:500,000.





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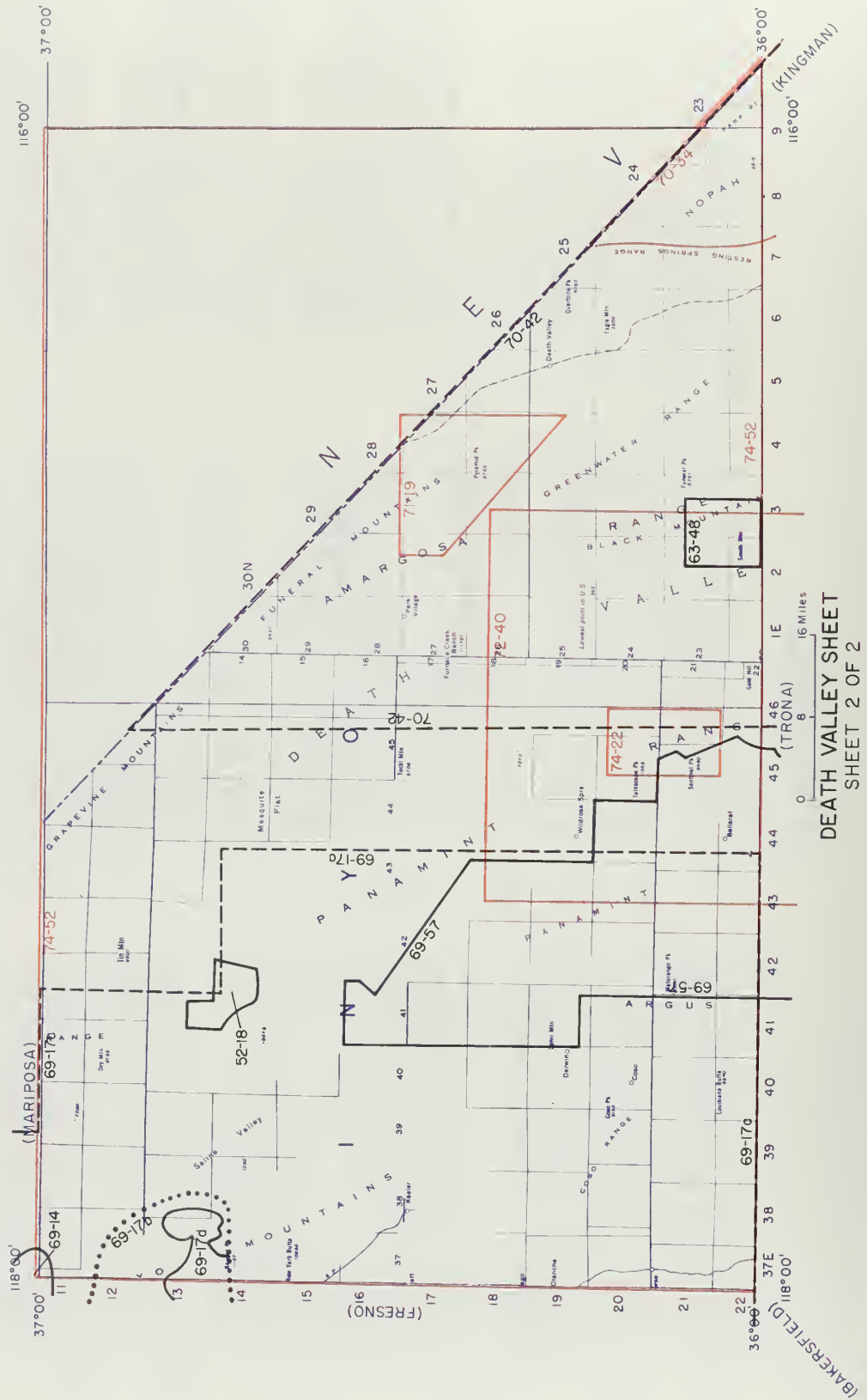
- 96-1 CLARK, W.B., 1970, Gold districts of California: Coliformio Div. Mines and Geol. Bull. 193, fig. 19 - 1:50,000 (generalized from U.S. Geol. Survey Folio 29, Nevada City Special).
- 97-1 CLARK, W.B., 1970, Gold districts of California: Coliformio Div. Mines and Geol. Bull. 193, fig. 22 - 1:167,750 (generalized from U.S. Geol. Survey Folio 37, Downieville).
- 32-30 CLARK, W.B., 1970, Gold districts of California: Coliformio Div. Mines and Geol. Bull. 193, fig. 6 - 1:72,000 (generalized from U.S. Geol. Survey Prof. Paper 172, pl. 1).
- 40-5 CLARK, W.B., 1970, Gold districts of California: Coliformio Div. Mines and Geol. Bull. 193, fig. 8 - 1:48,000 (generalized from U.S. Geol. Survey Prof. Paper 194, pl. 1).
- 61-37 CLARK, W.B., 1970, Gold districts of California: Coliformio Div. Mines and Geol. Bull. 193, fig. 11 - 1:72,000 (Tertiary channels from Coliformio Div. Mines Special Report 67, pl. 3).
- 67-84 LYDON, P.A., 1967, The origin of Tuscon Buttes and the volume of the Tuscon Formation in northern Coliformio, *in* Short contributions to Coliformio geology: Coliformio Div. Mines and Geol. Special Report 91, p. 17-26, fig. 1 - 1:1,200,000 (Tuscon Formation and o tuff unit).
- 71-43 JAMES, O.B., 1971, Origin and emplacement of the ultramafic rocks of the Emigrant Gap oreo, Coliformio: Jour. Petrology, v. 12, no. 3, p. 523-560, fig. 1 - 1:40,000 (approx.).
- 72-18 HIETANEN, Anno, 1972, Tertiary basolts in the Feather River oreo, Coliformio: U.S. Geol. Survey Prof. Paper 800-B, p. 85-94, fig. 1 - 1:166,700 (sketch map showing distribution of Tertiary volcanic rocks in the Feather River oreo).
- 73-27 HIETANEN, Anno, 1973, Geology of the Pulgo and Bucks Lake quadrangles, Butte and Plumas Counties, Coliformio: U.S. Geol. Survey Prof. Paper 731, 66 p., (o) pl. 1 - 1:48,000 (Pulgo quadrangle and port of the Jonesville quadrangle); (b) pl. 2 - 1:48,000 (Bucks Lake quadrangle and port of the Almonor quadrangle); (c) pl. 3 - 1:125,000 (pre-Tertiary geology of the Feather River oreo).
- 74-10 YEEND, W.E., 1974, Gold-bearing gravel of the oncesstral Yubo River, Sierrro Nevodo, Coliformio: U.S. Geol. Survey Prof. Paper 772, 44 p., pl. 1 - 1:62,500 (geology by W.E. Yeend and D.W. Peterson).
- 74-33 HIETANEN, Anno, 1974, Amphibole poirs, epidote minerals, chlorite, and plogioclose in metamorphic rocks, northern Sierrro Nevodo, Coliformio: American Mineralogist, v. 59, no. 1-2, p. 22-40, fig. 1 - 1:96,000.
- LYDON, P.A., 1968, Geology and labors of the Tuscon Formation, Coliformio, *in* Studies in volcanology: Geol. Soc. Americo Memoir 116, p. 441-475, fig. 3 - 1:1,200,000 (Tuscon Formation and Nomoloki Tuff Member).
- MATTHEWS, R.A., 1971, Geology of the north half of the Lake Tohoe Bosin, Coliformio and Nevodo: Coliformio Div. Mines and Geol., Coliformio Geology, v. 24, no. 7, p. 124-125 - 1:125,000.
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- SMITH, A.R., 1970, Troce elements in the Plumas copper belt, Plumas County, Coliformio: Coliformio Div. Mines and Geol. Spec. Report 103, fig. 2 - 1:190,000 (generalized from Coliformio Div. Mines and Geol. Geologic Atlas, Susonville and Chico sheets, 1:250,000).
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DEATH VALLEY SHEET  
SHEET 2 OF 2

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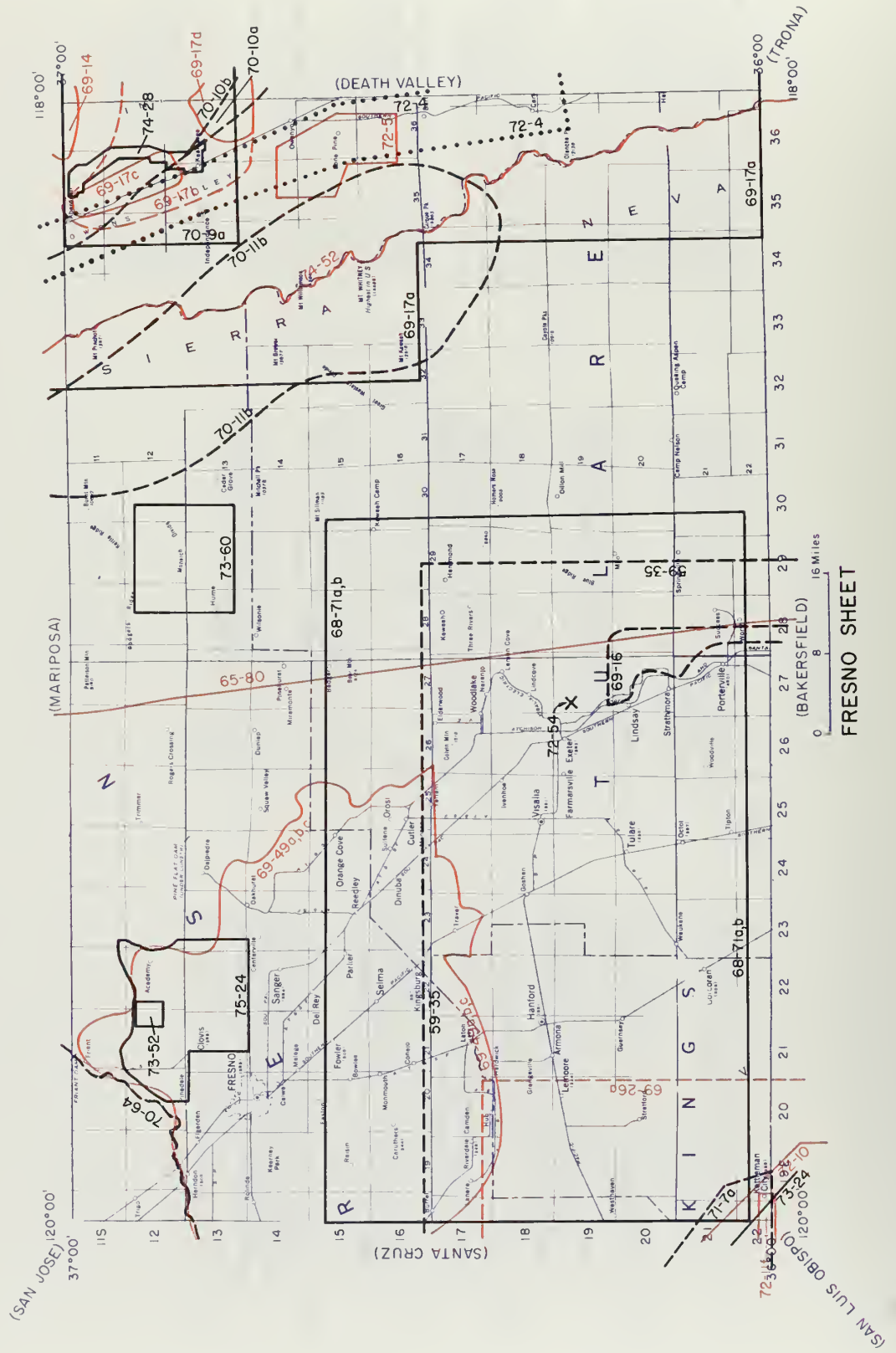
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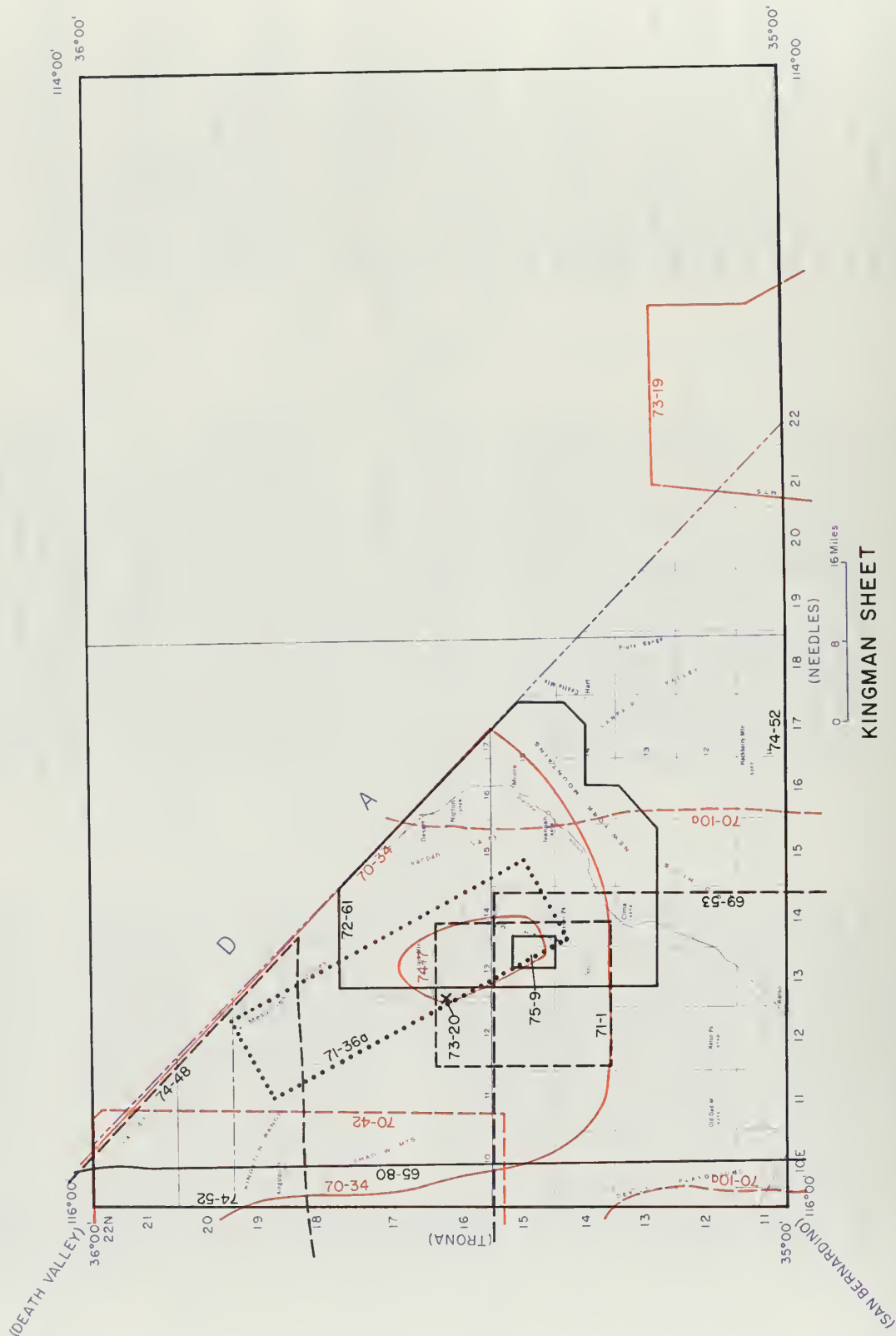
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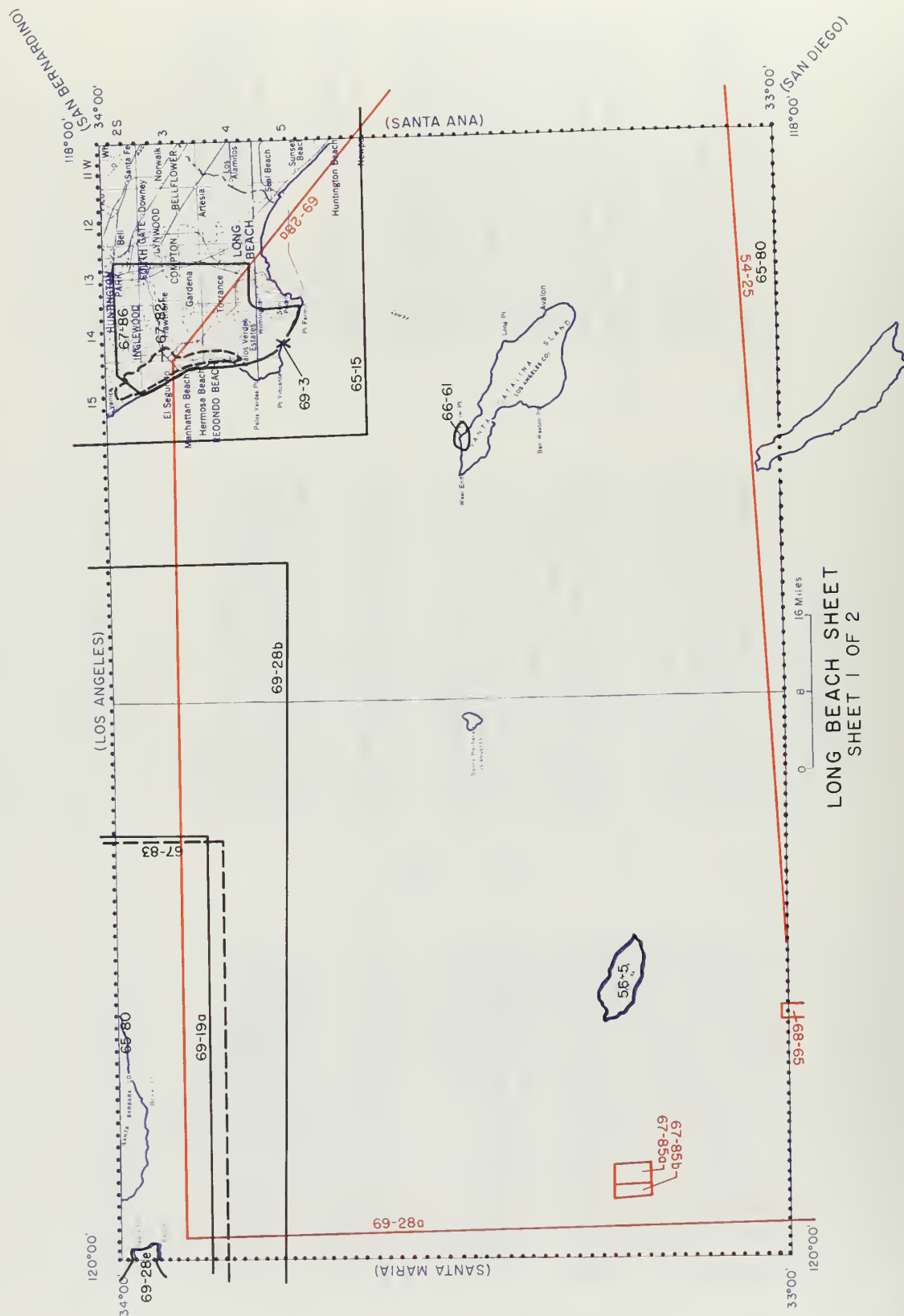
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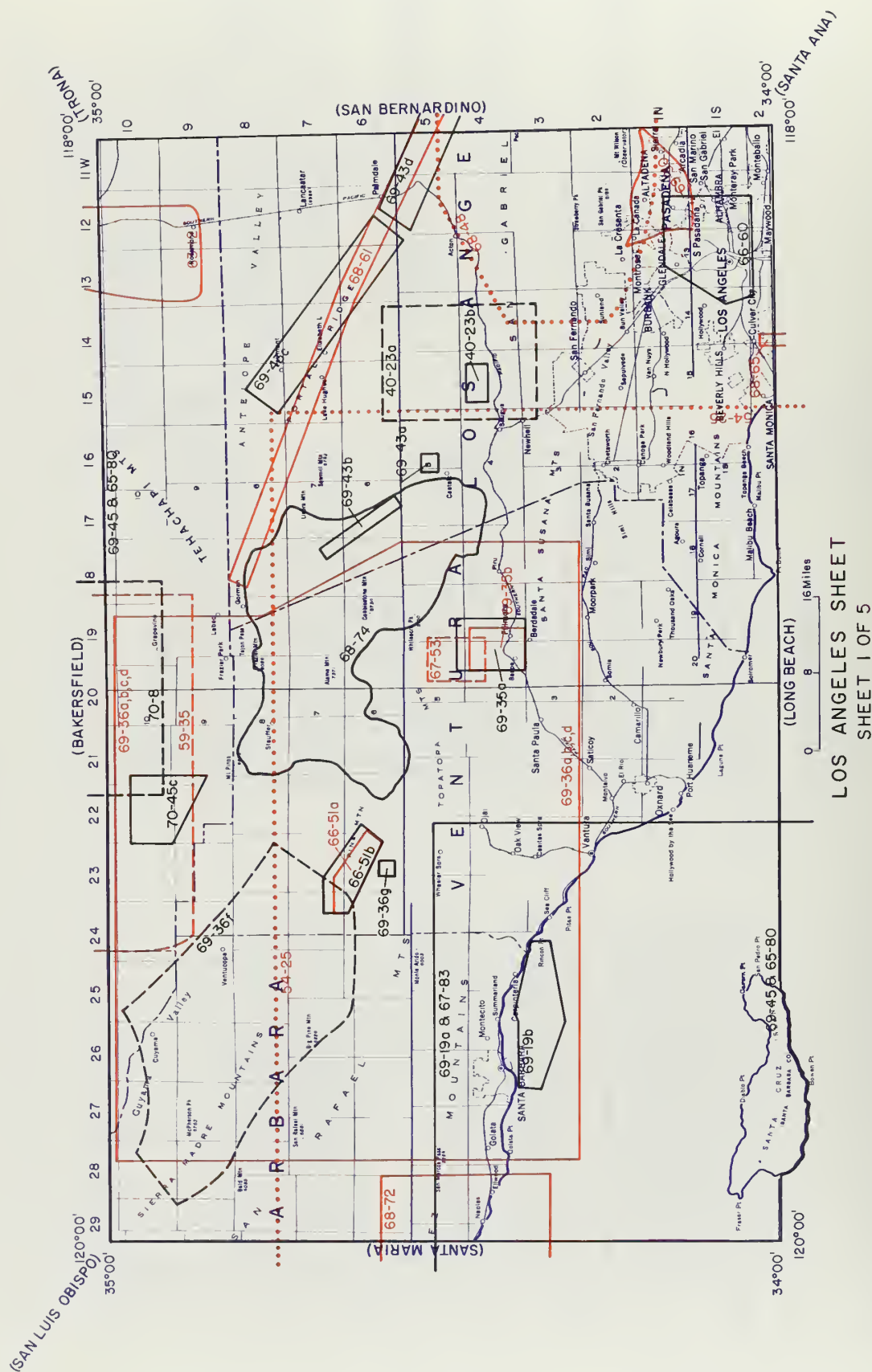
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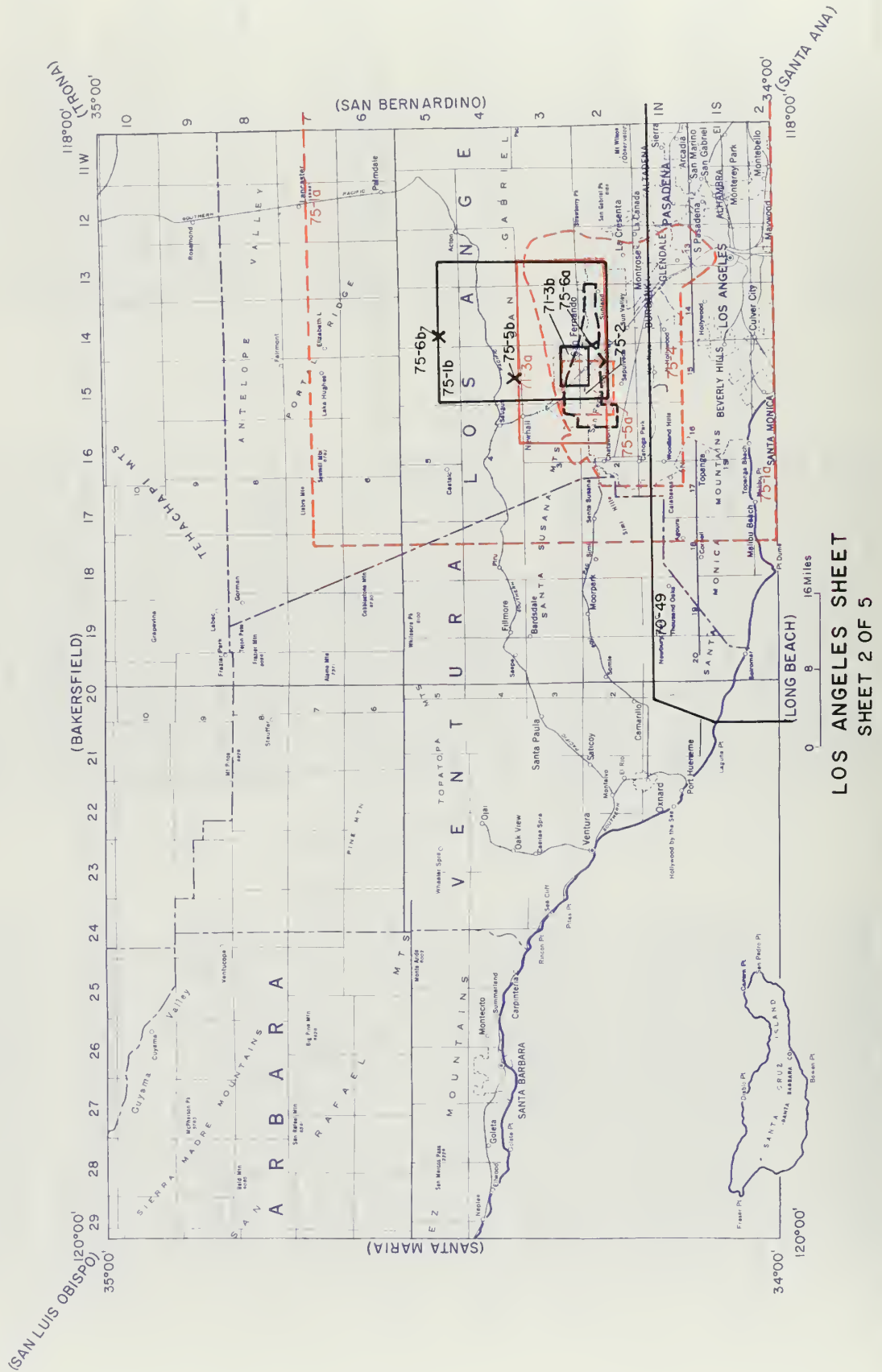
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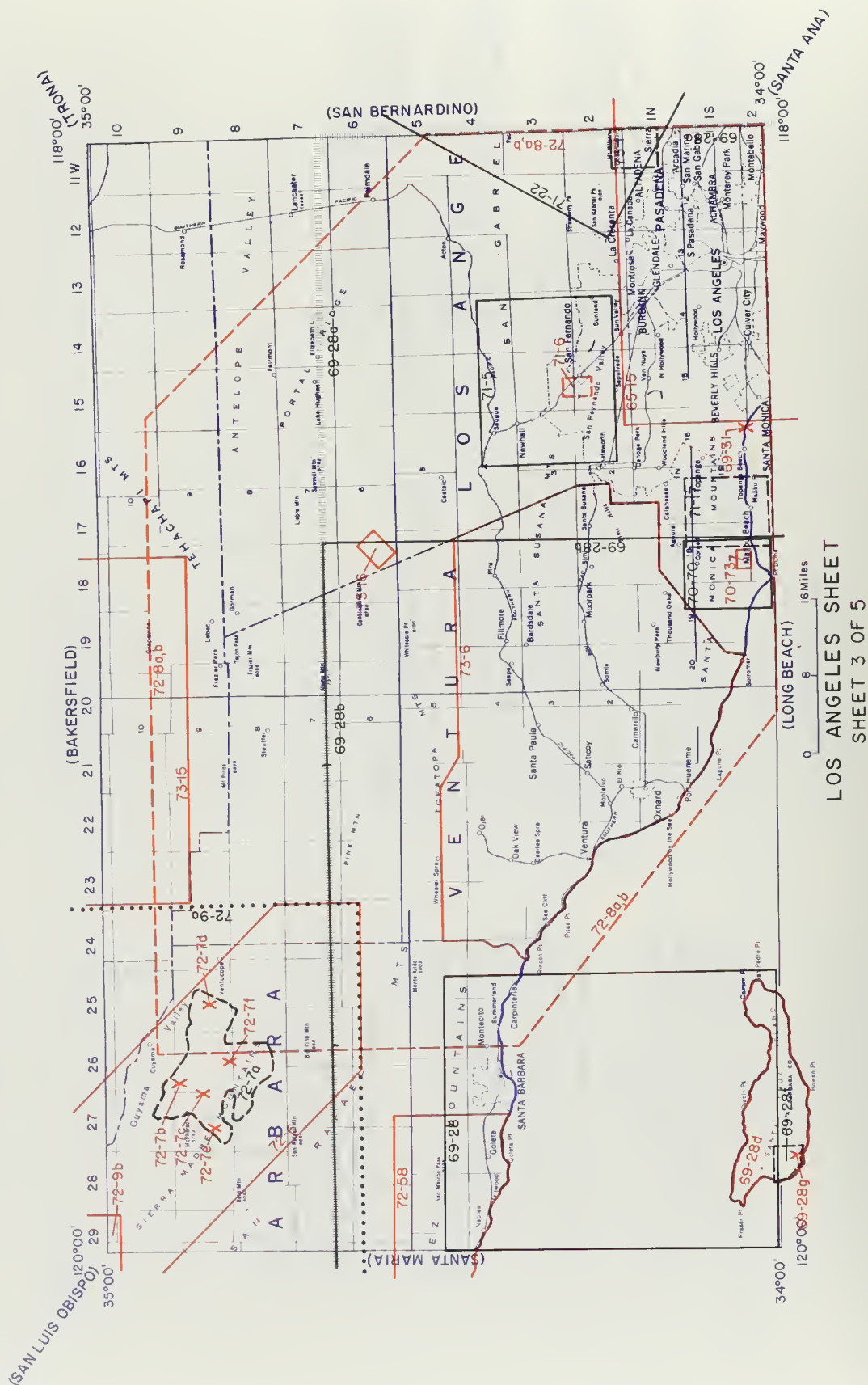






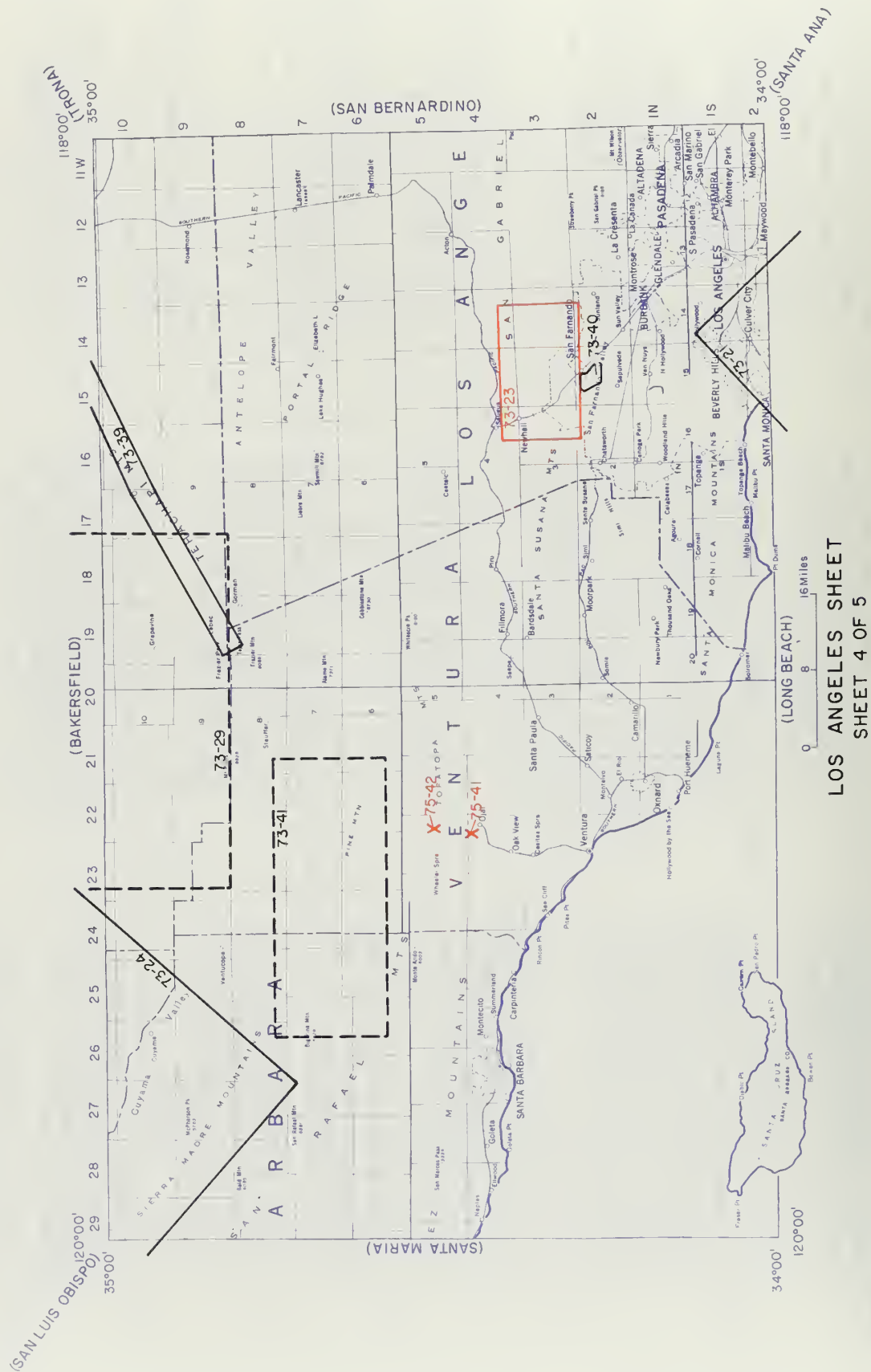
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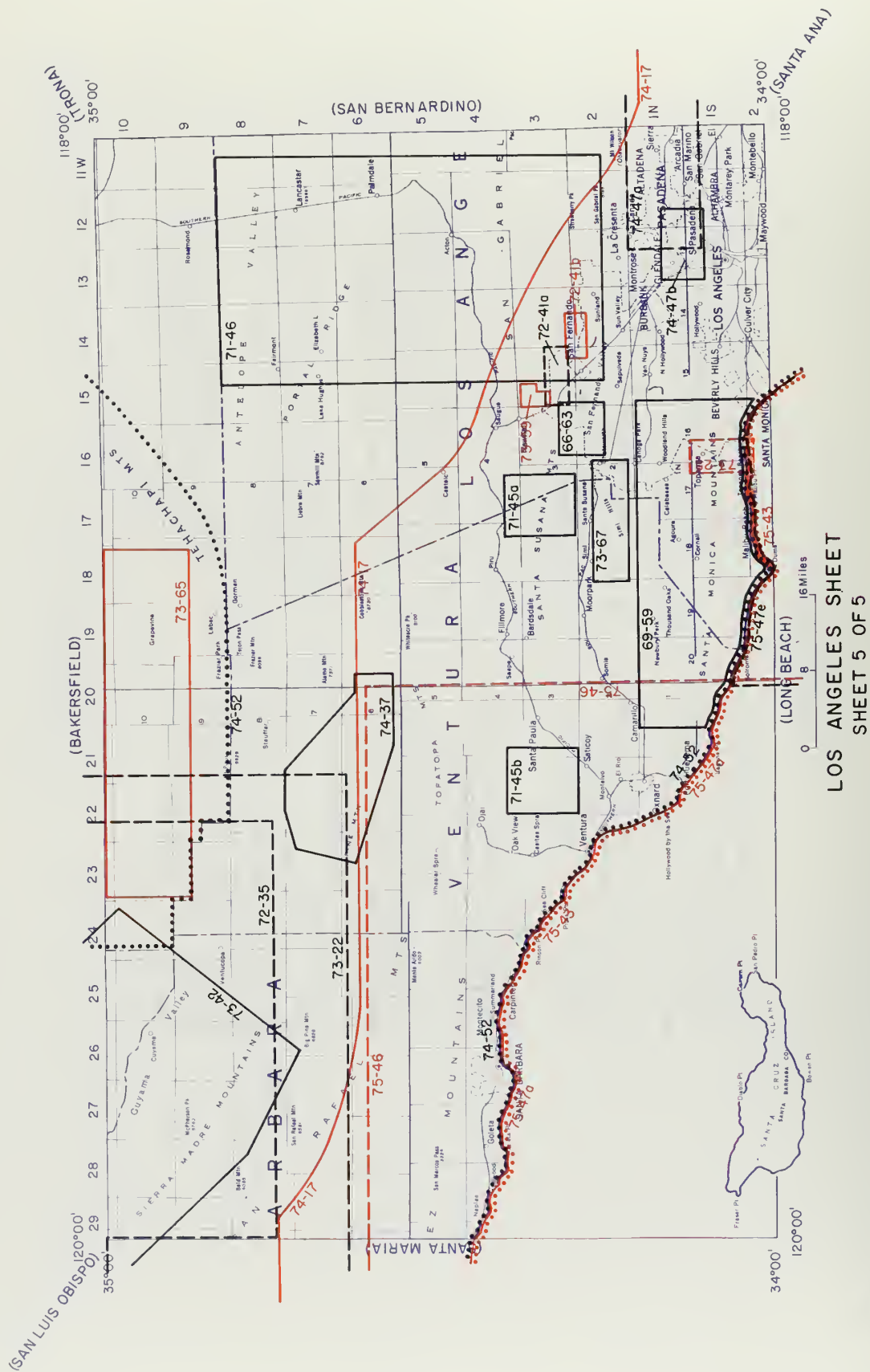
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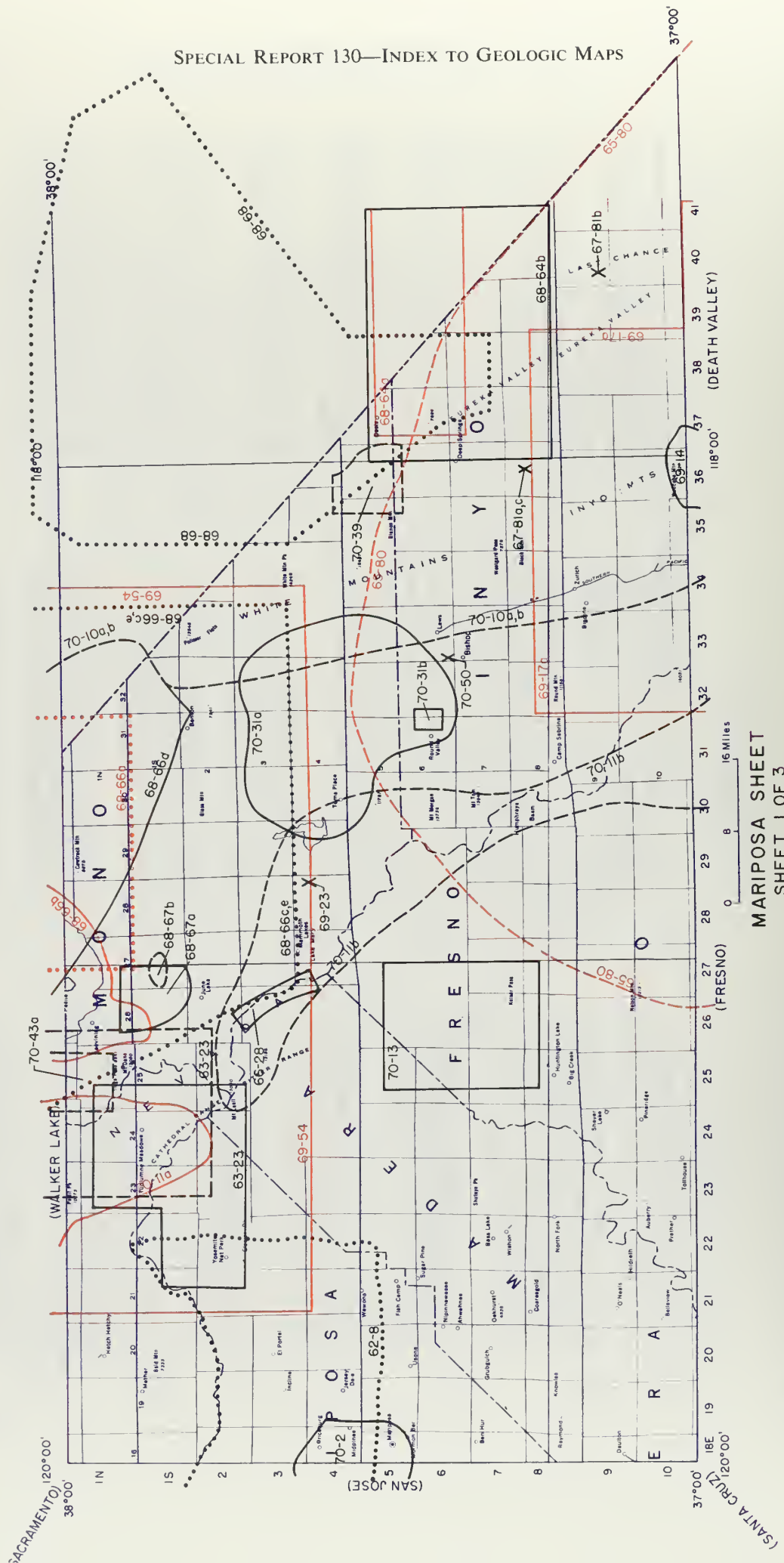
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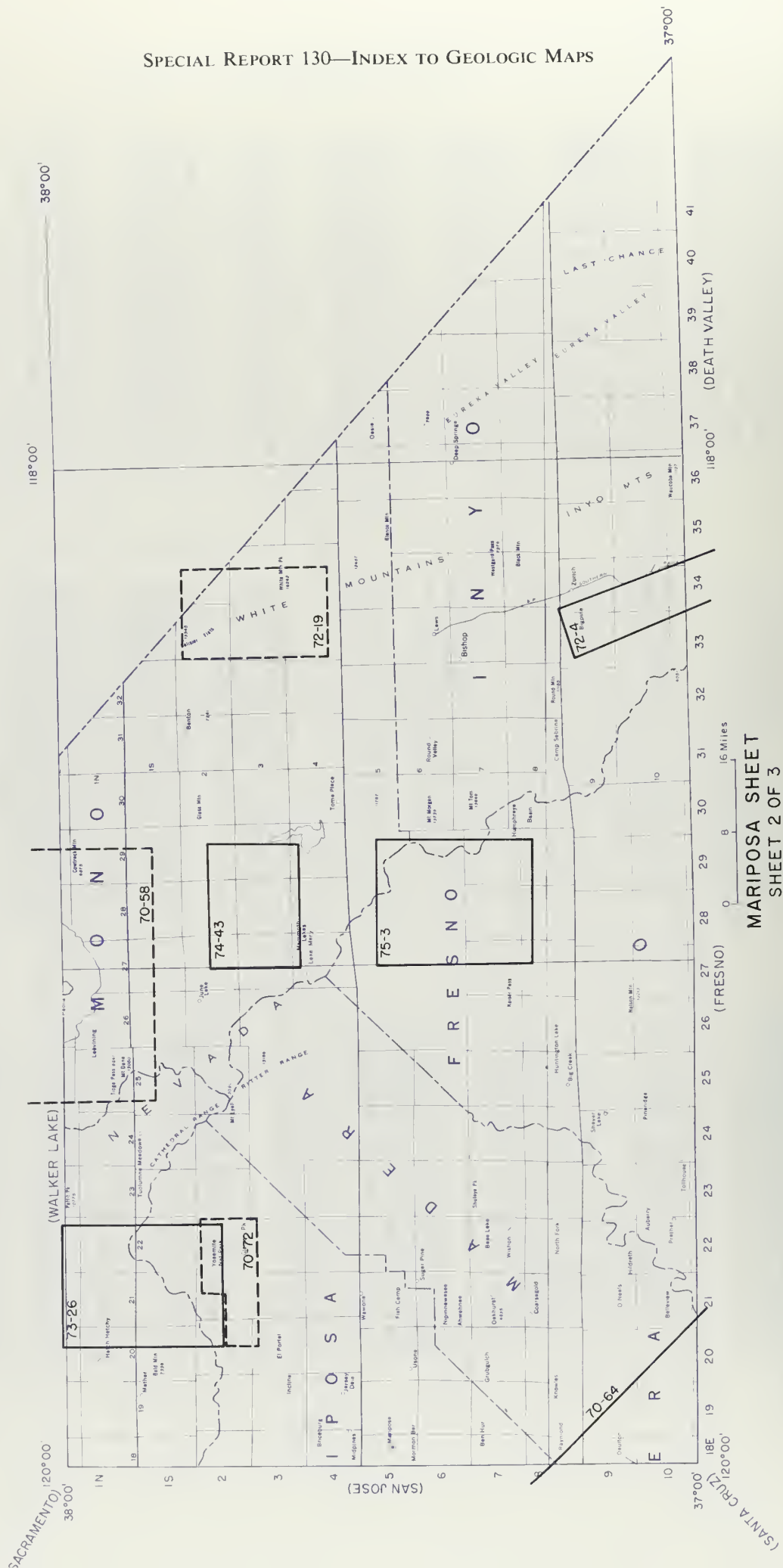
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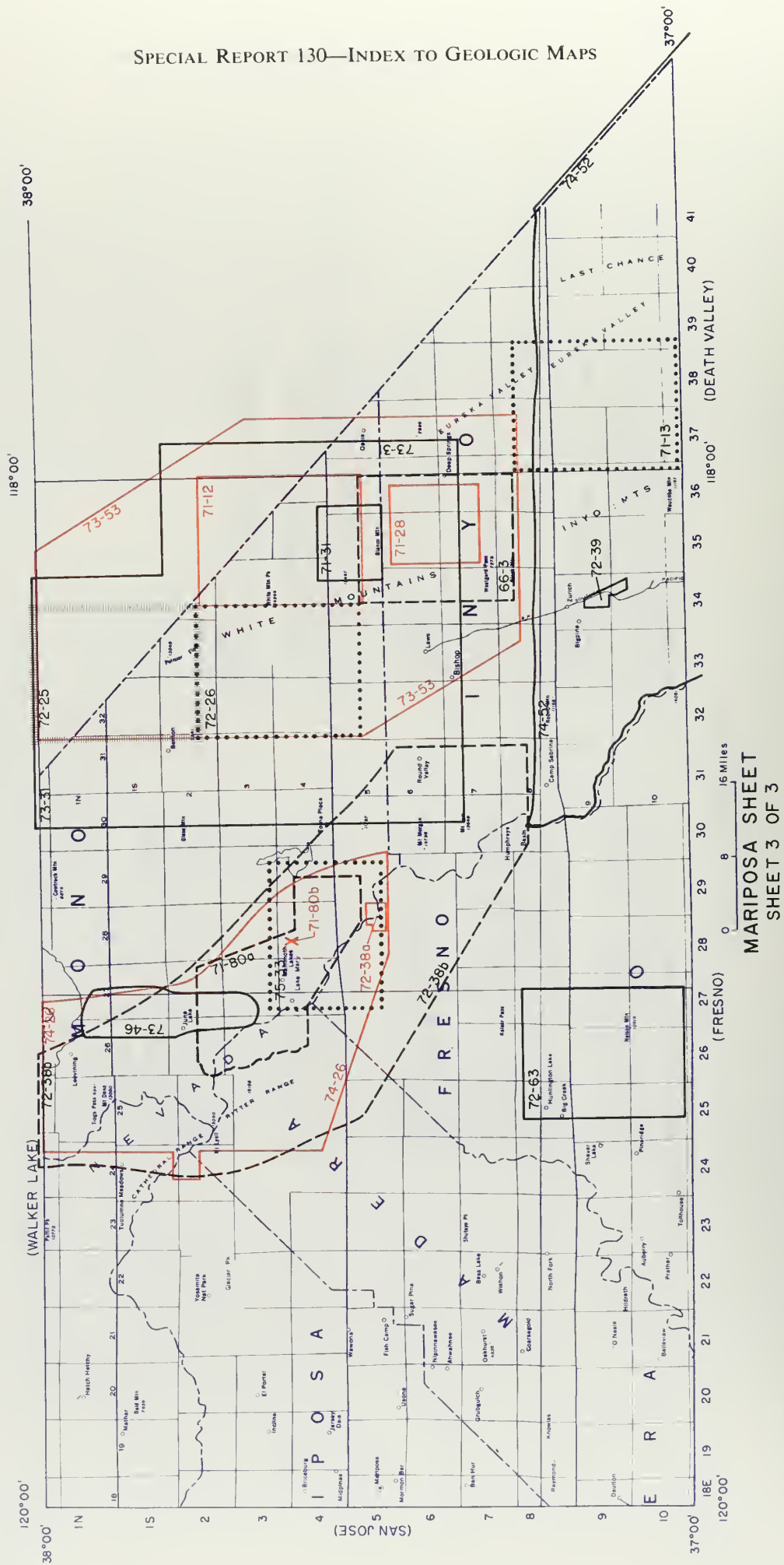
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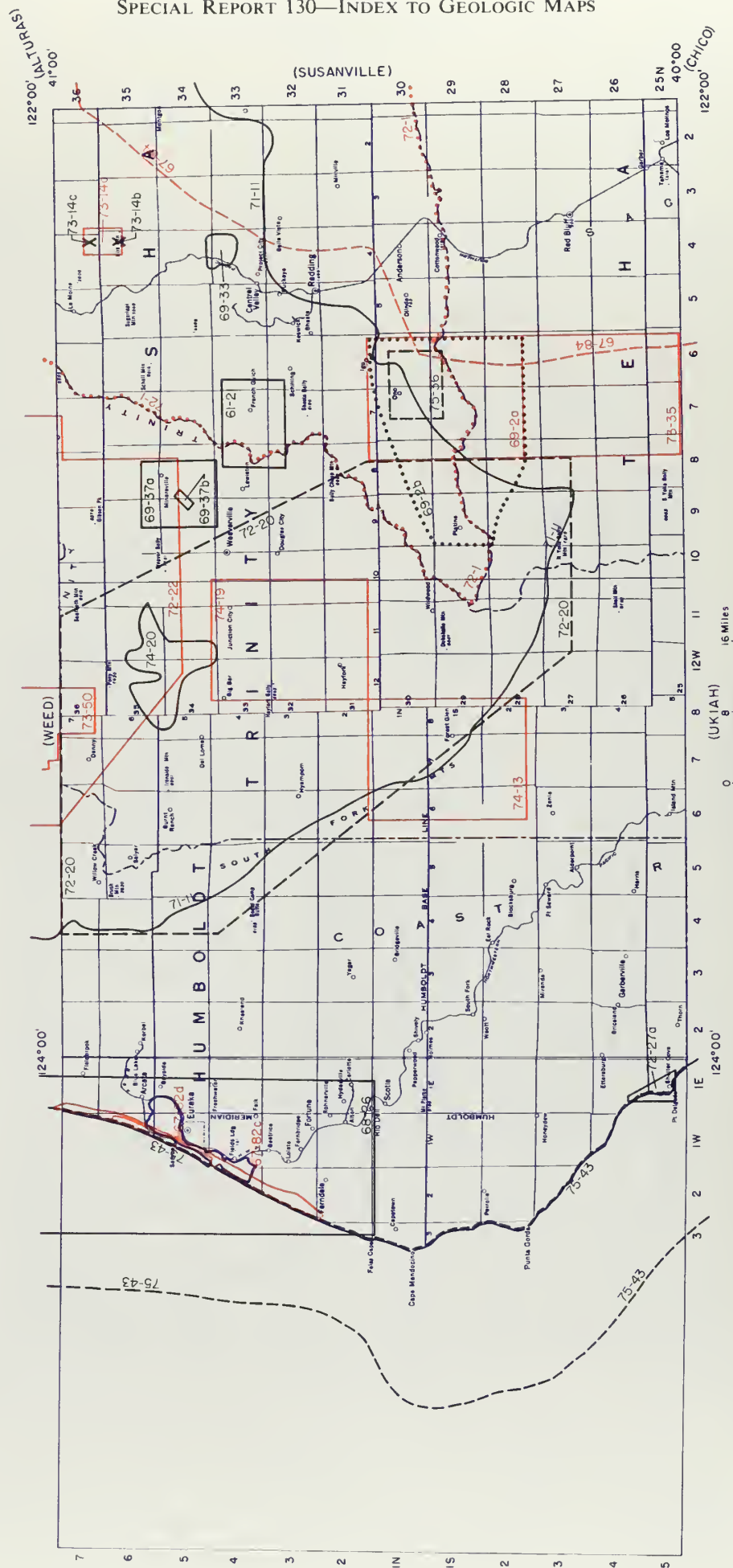
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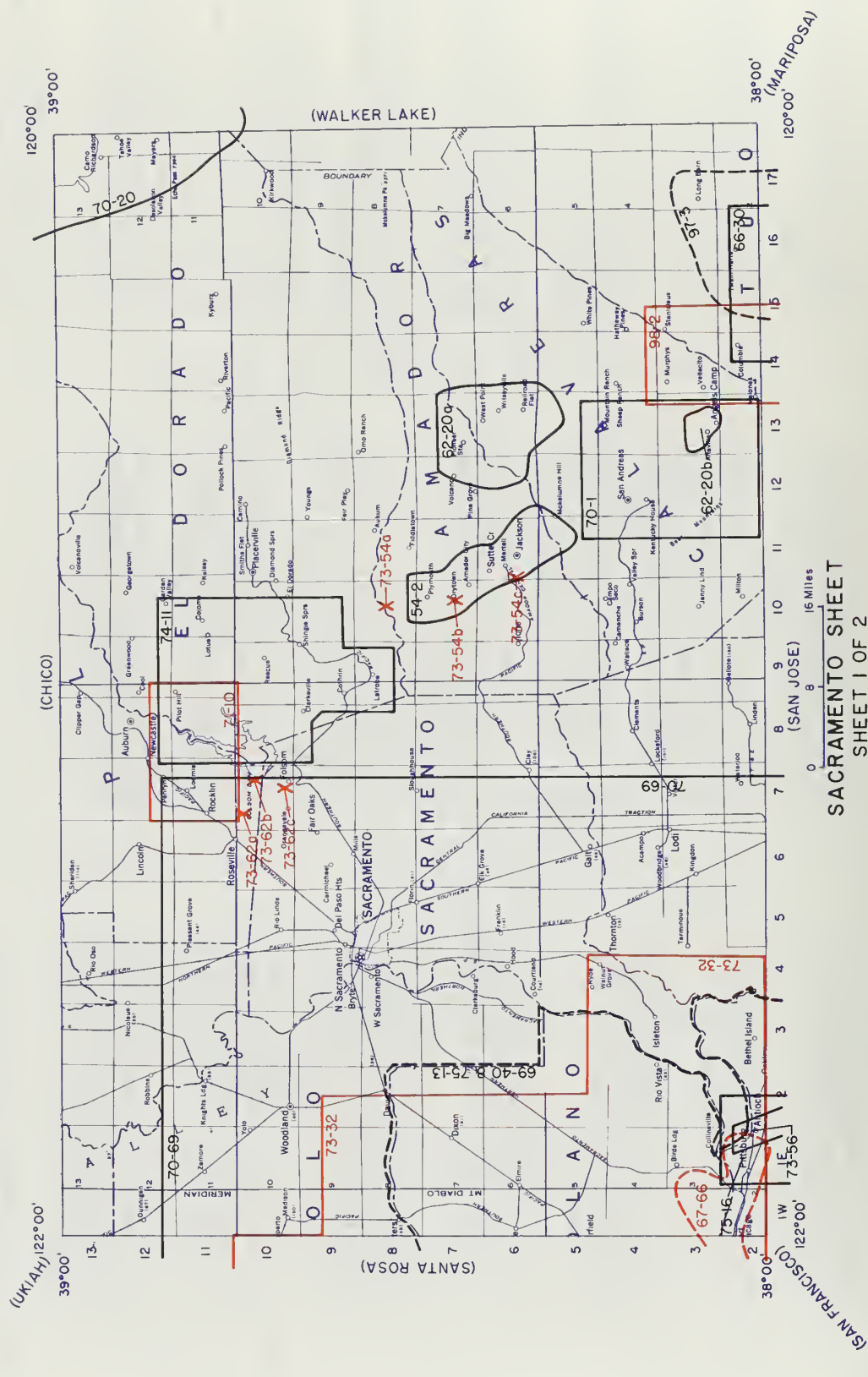
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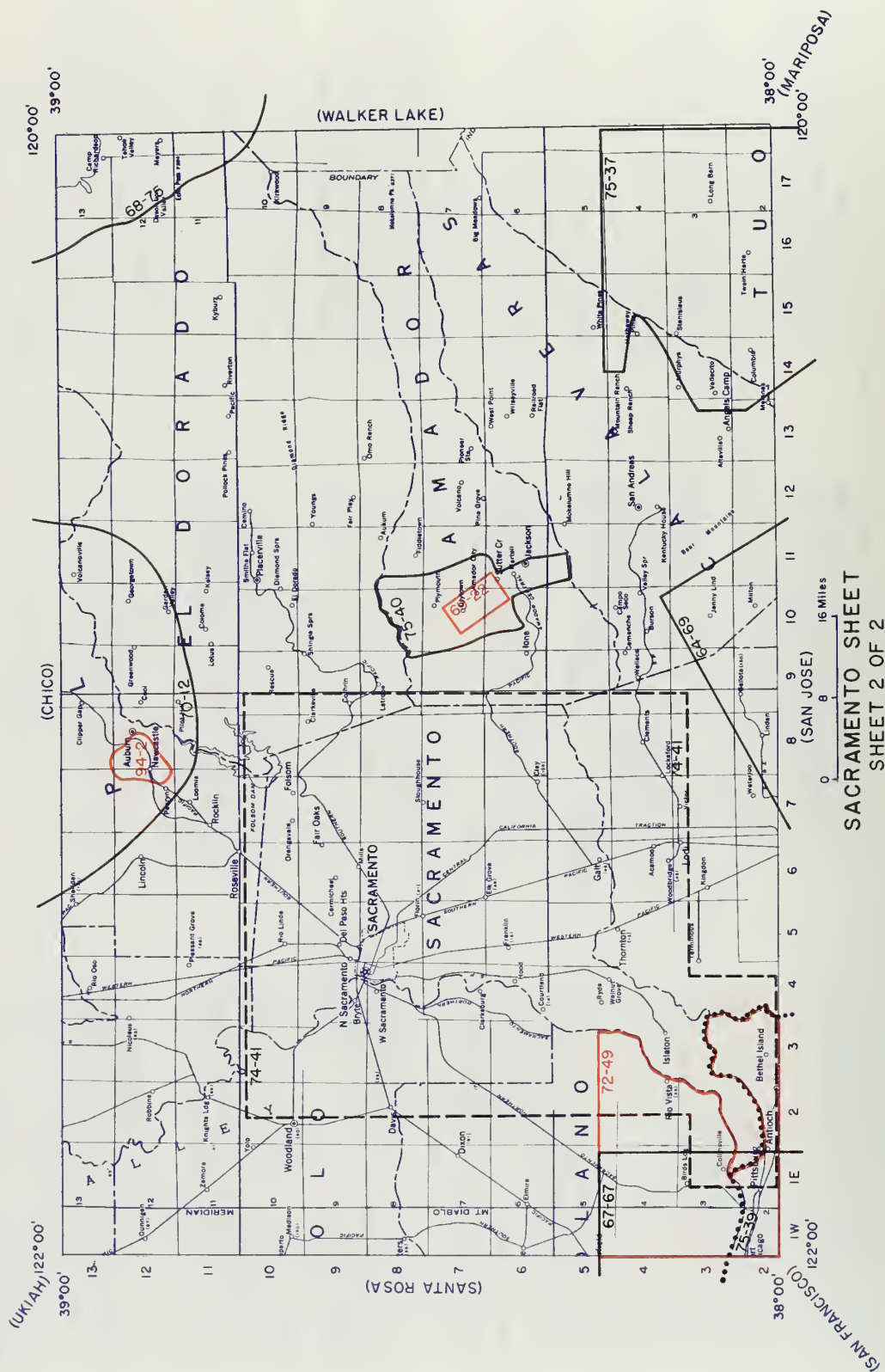
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SACRAMENTO SHEET  
SHEET 2 OF 2



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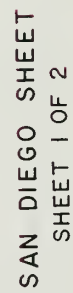
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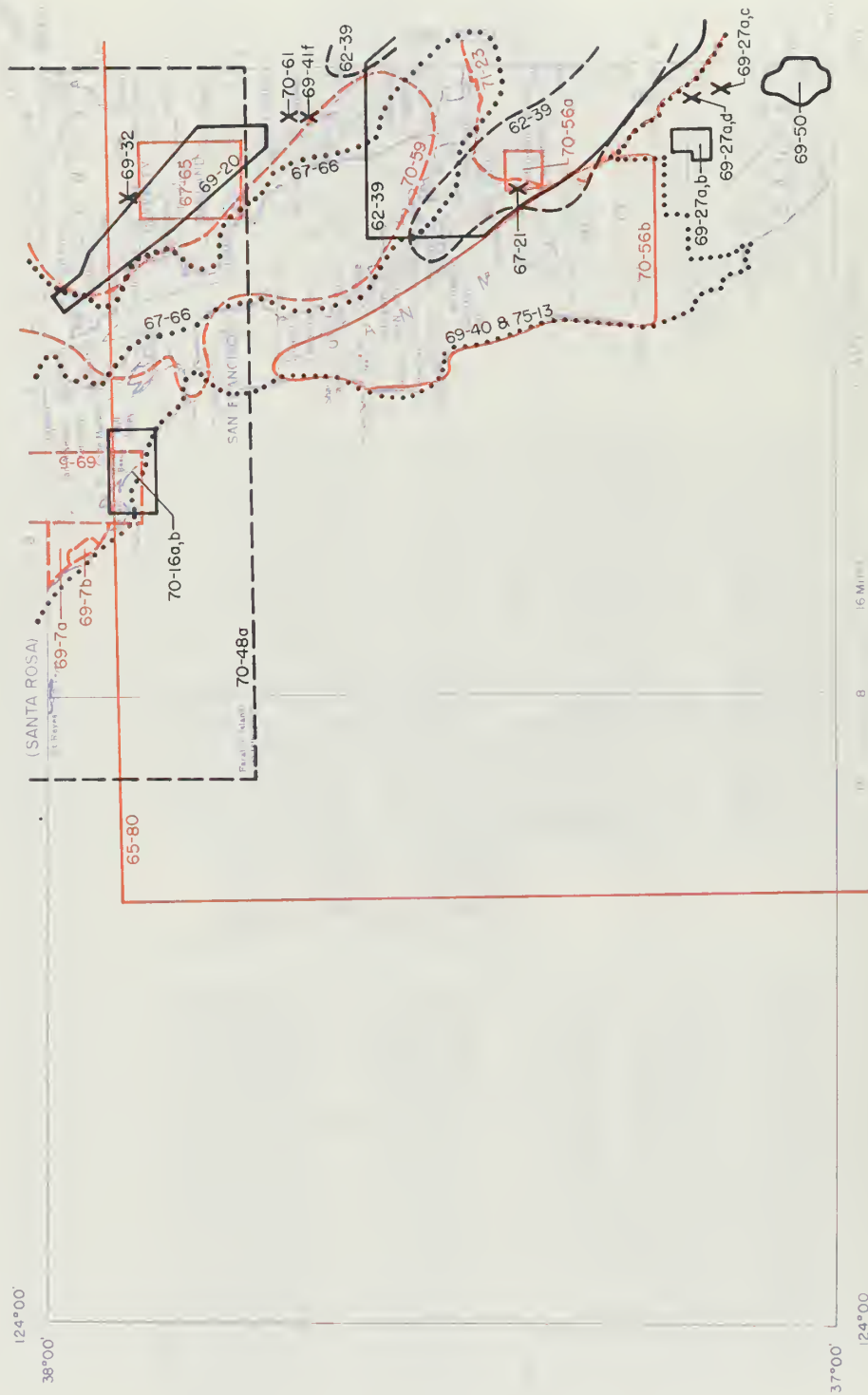
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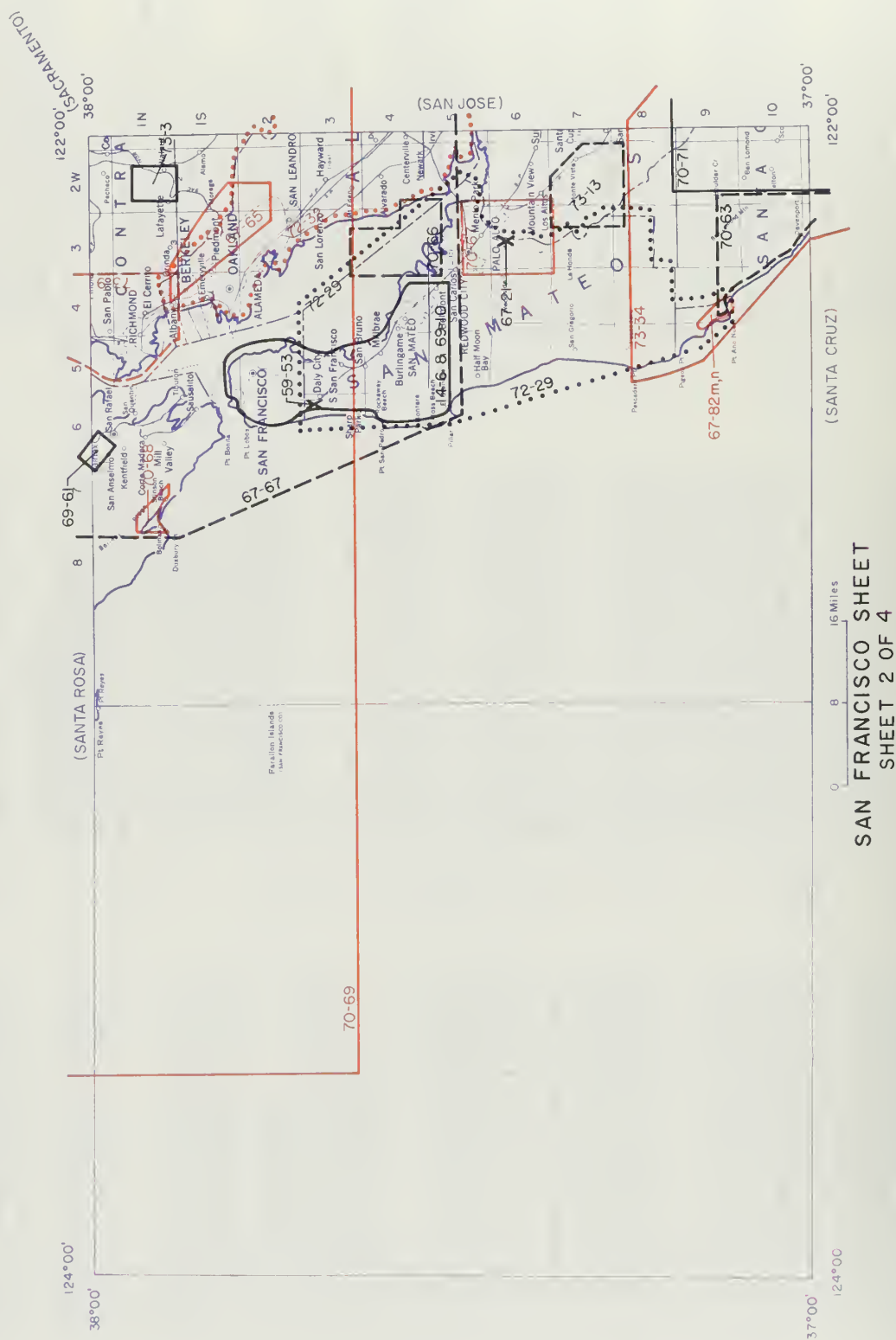


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SHEET 1 OF 4



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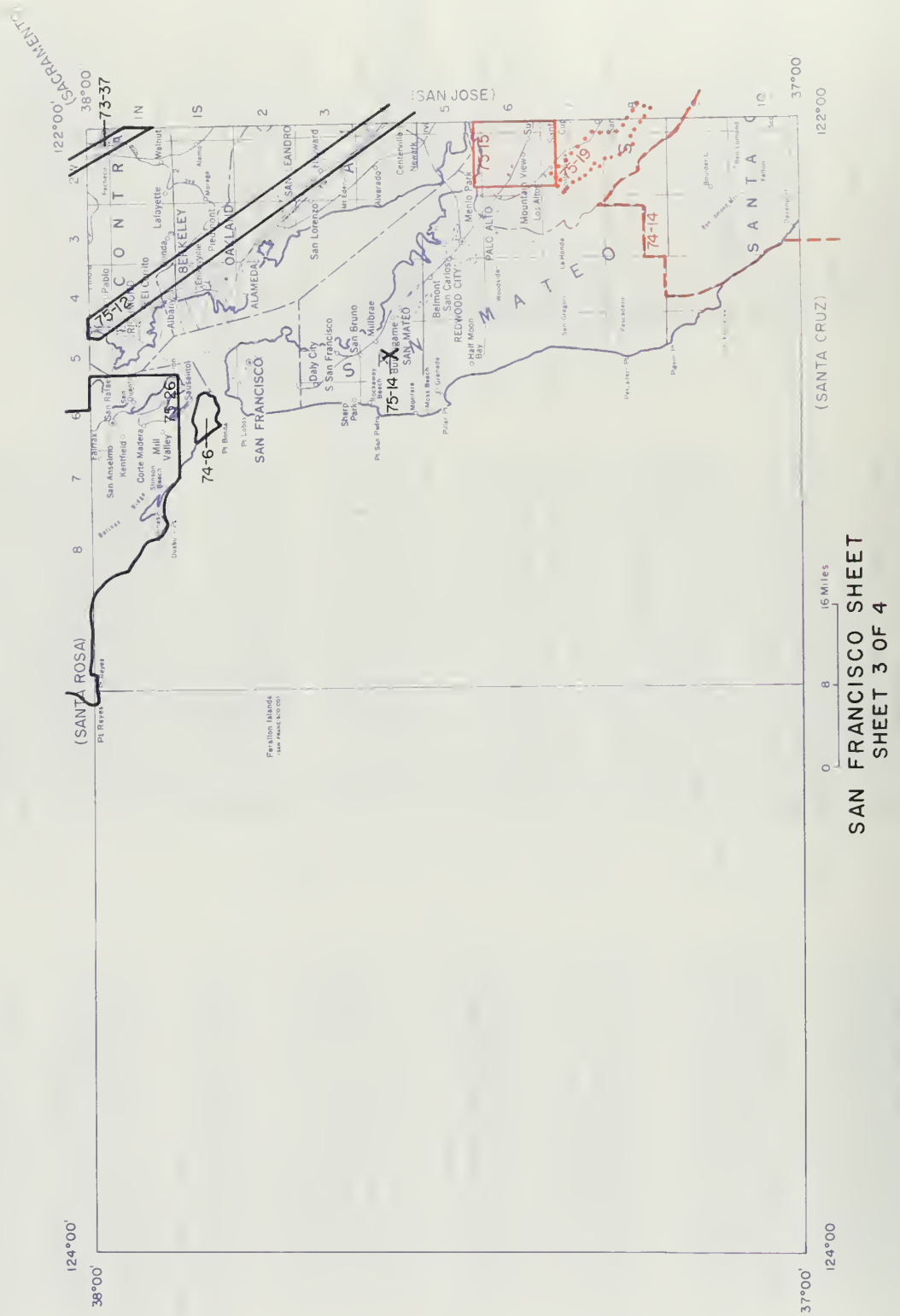
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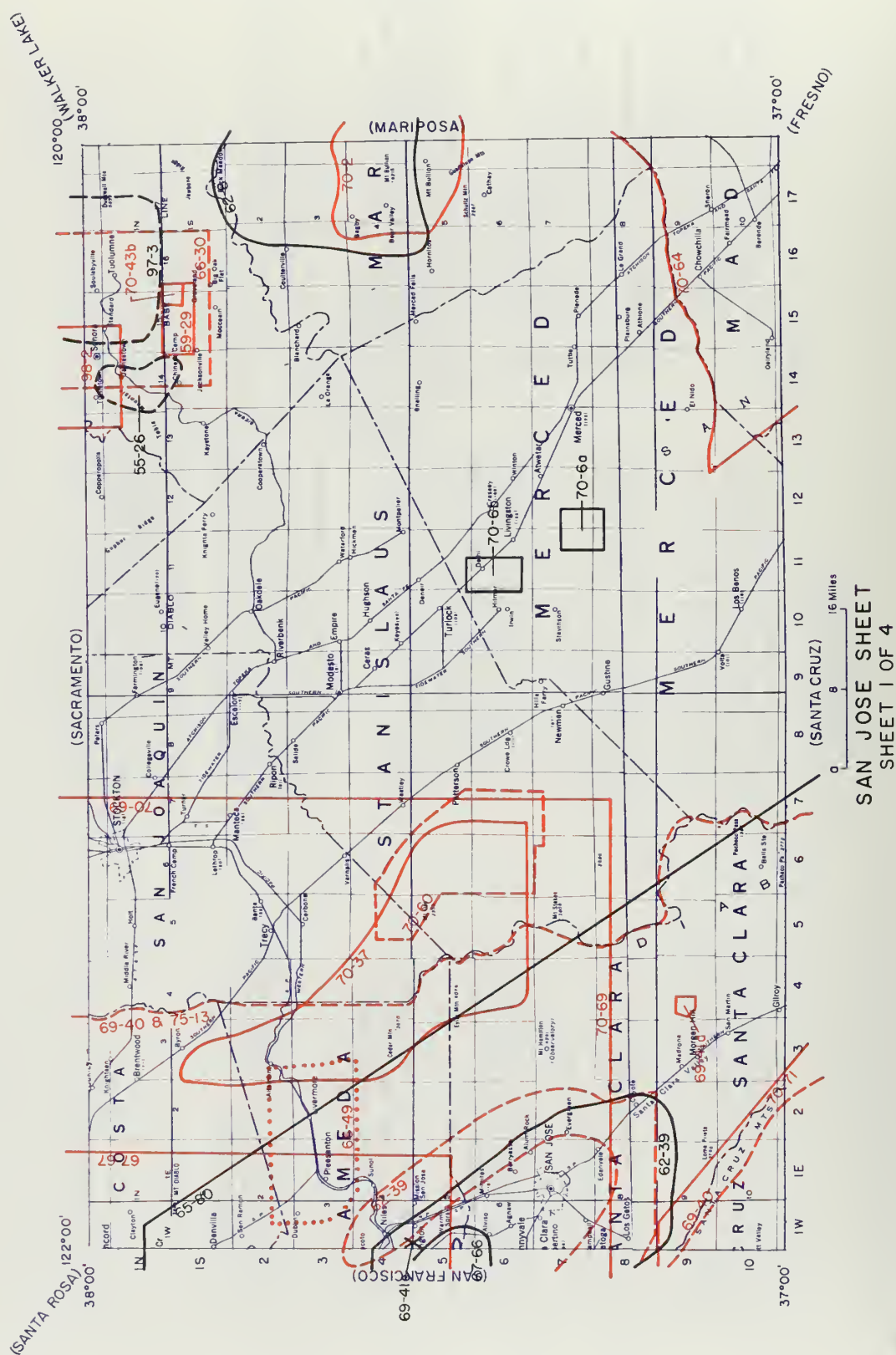
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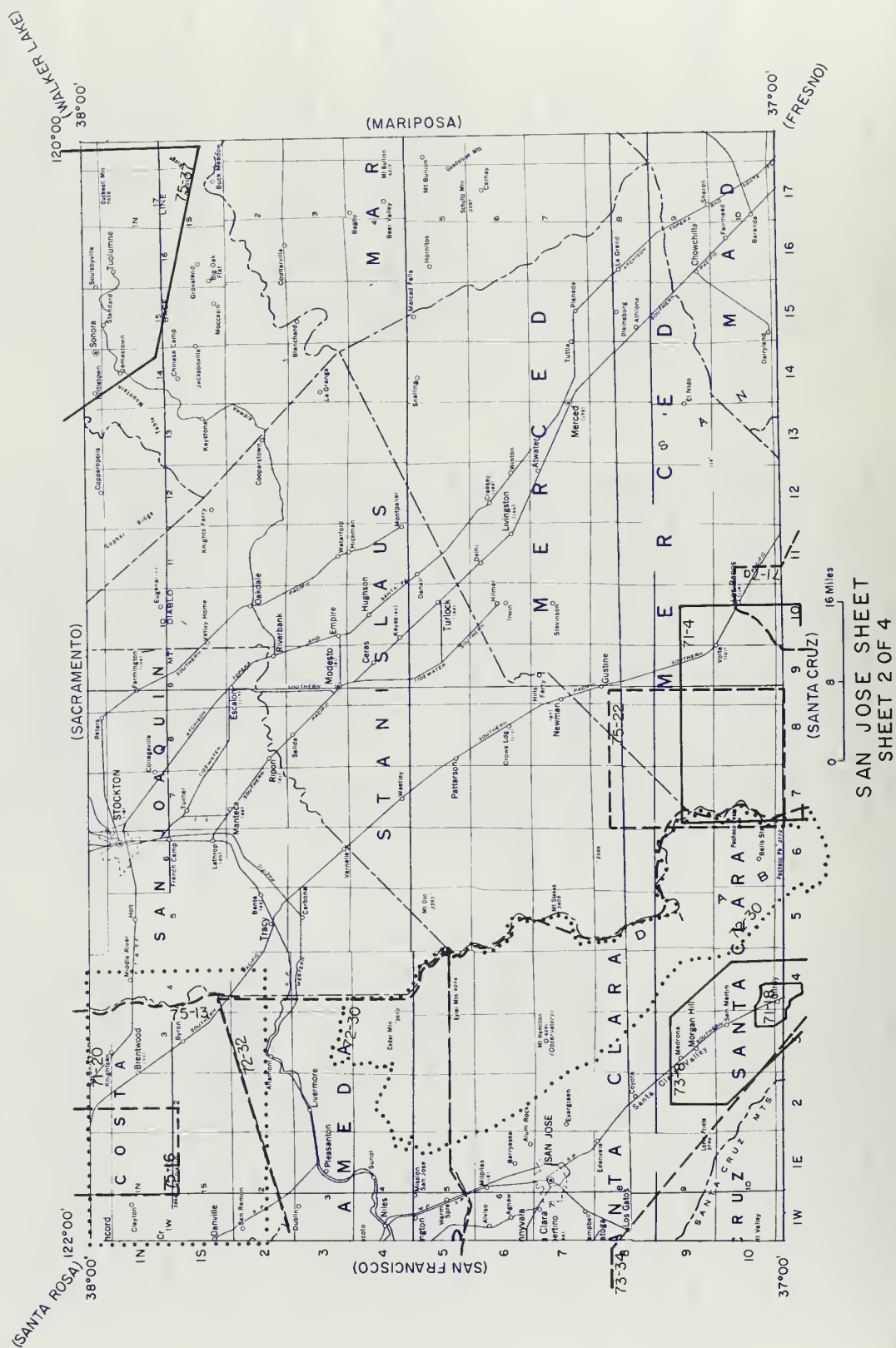
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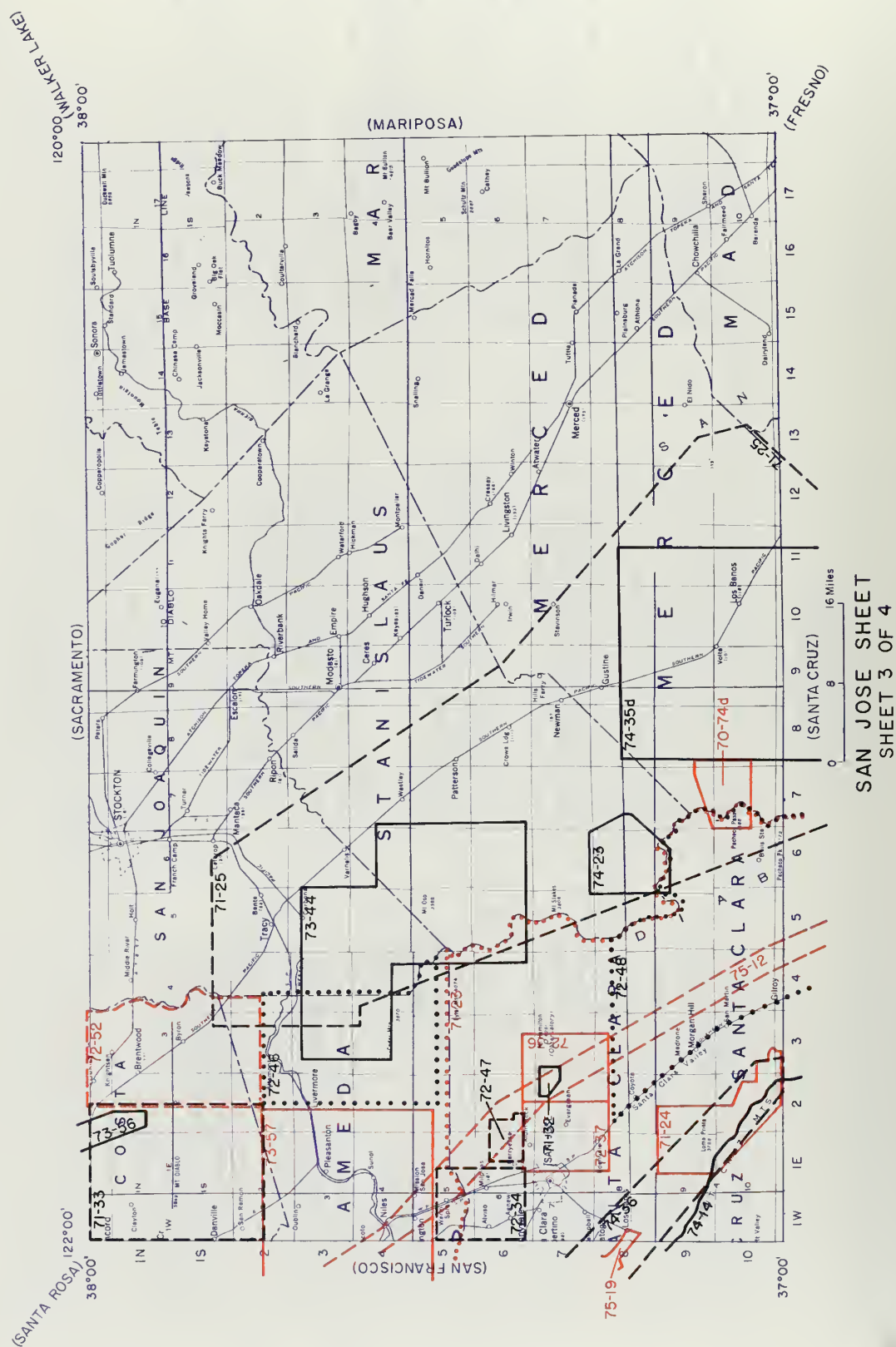
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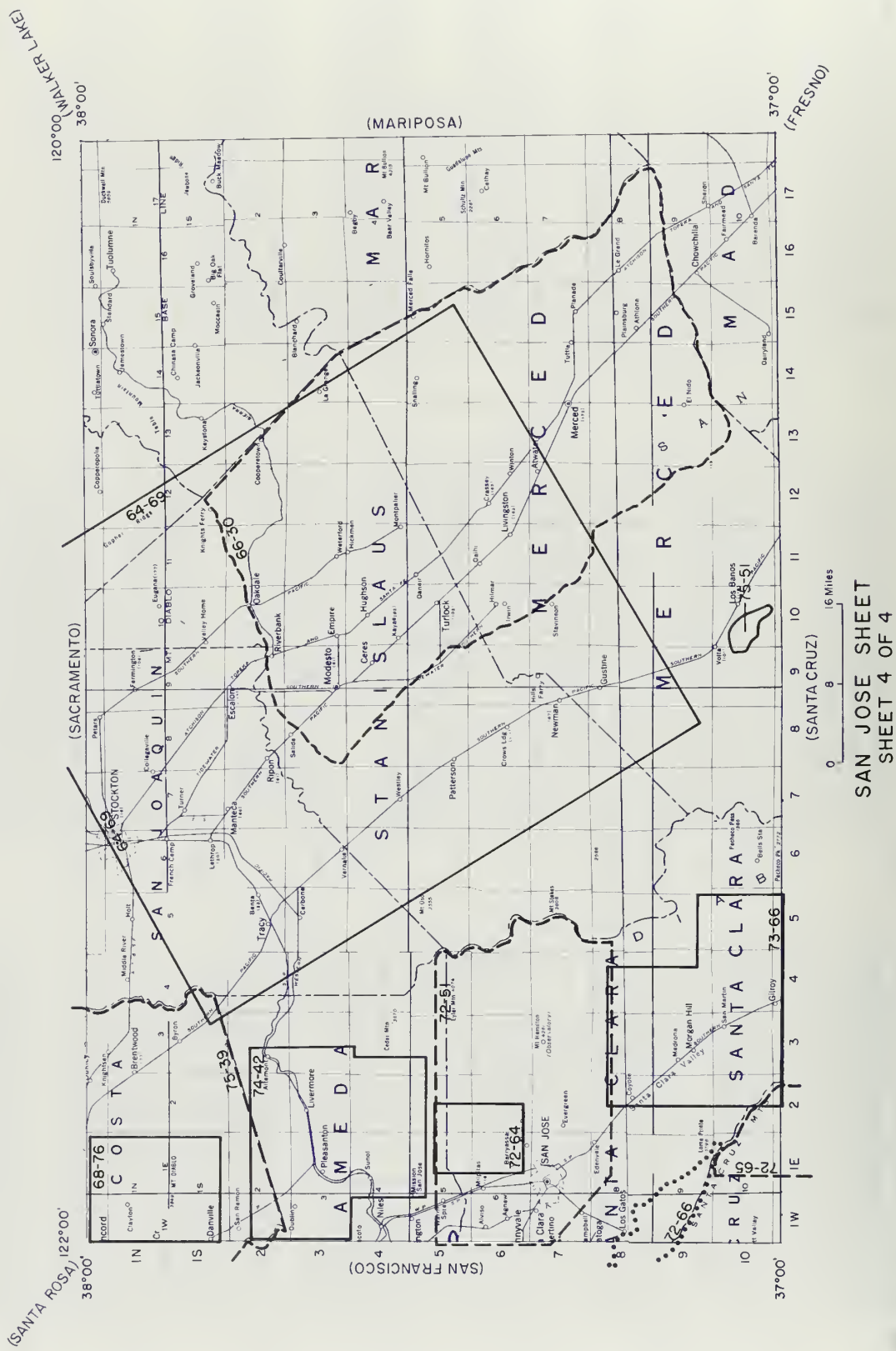






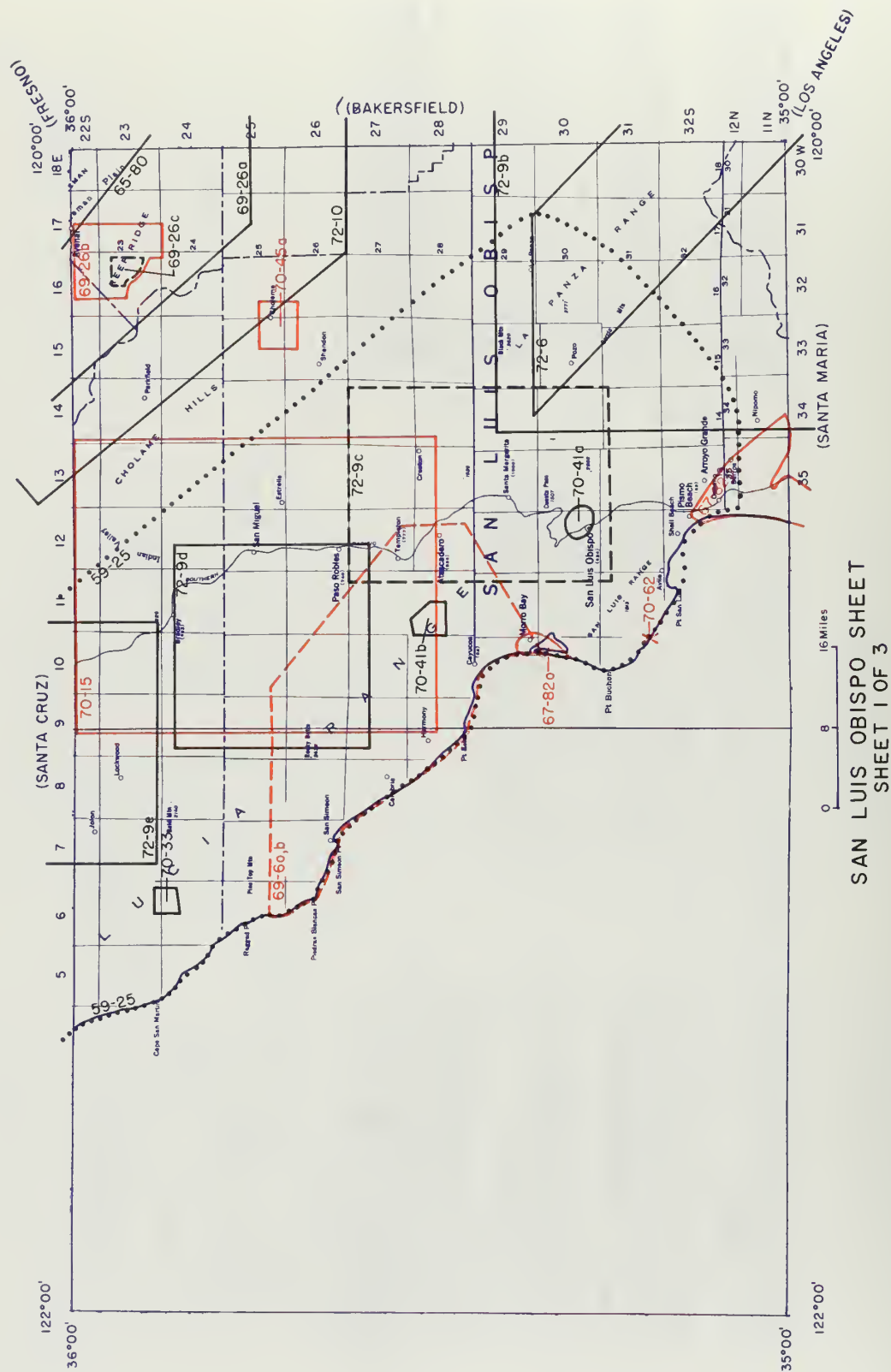
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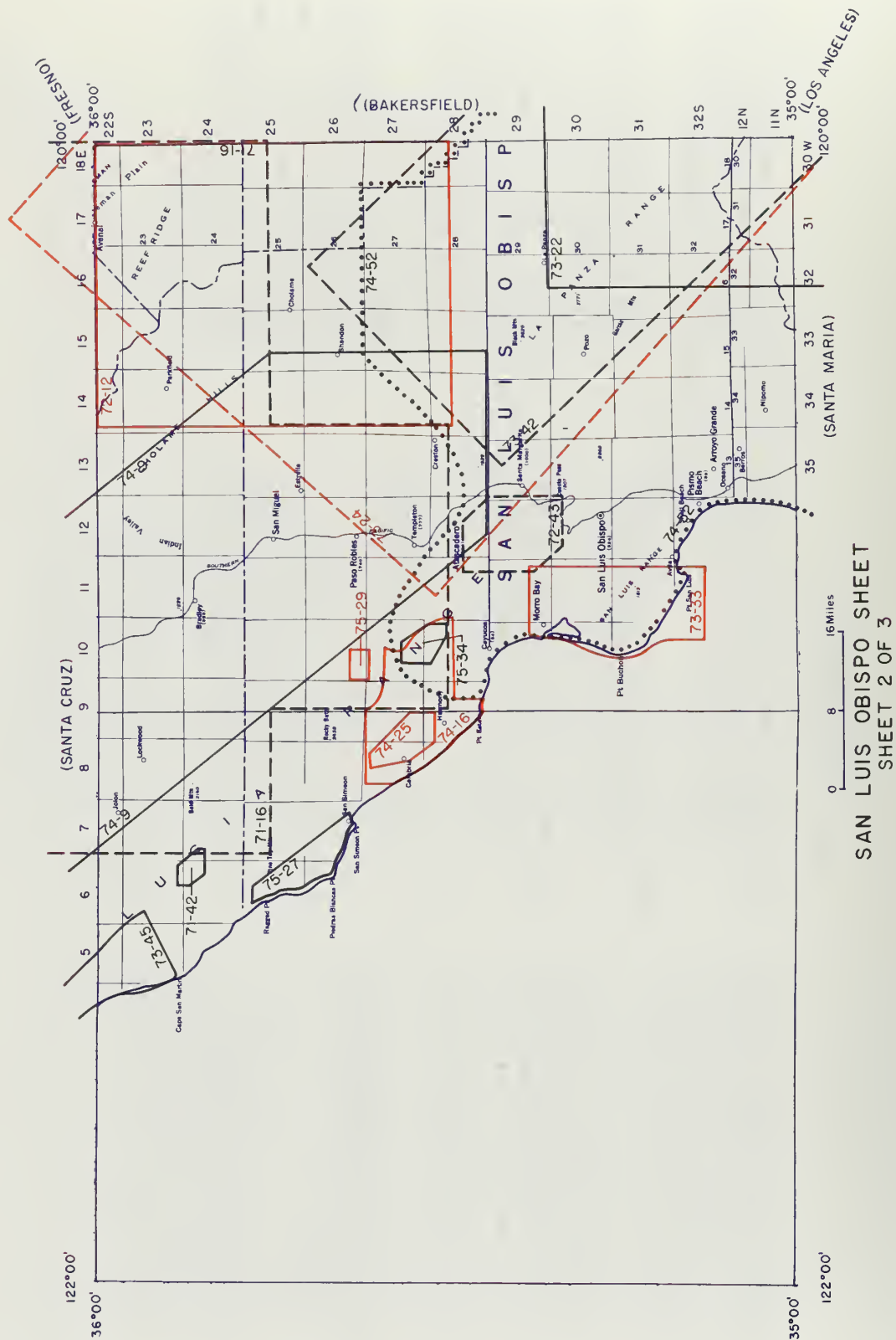
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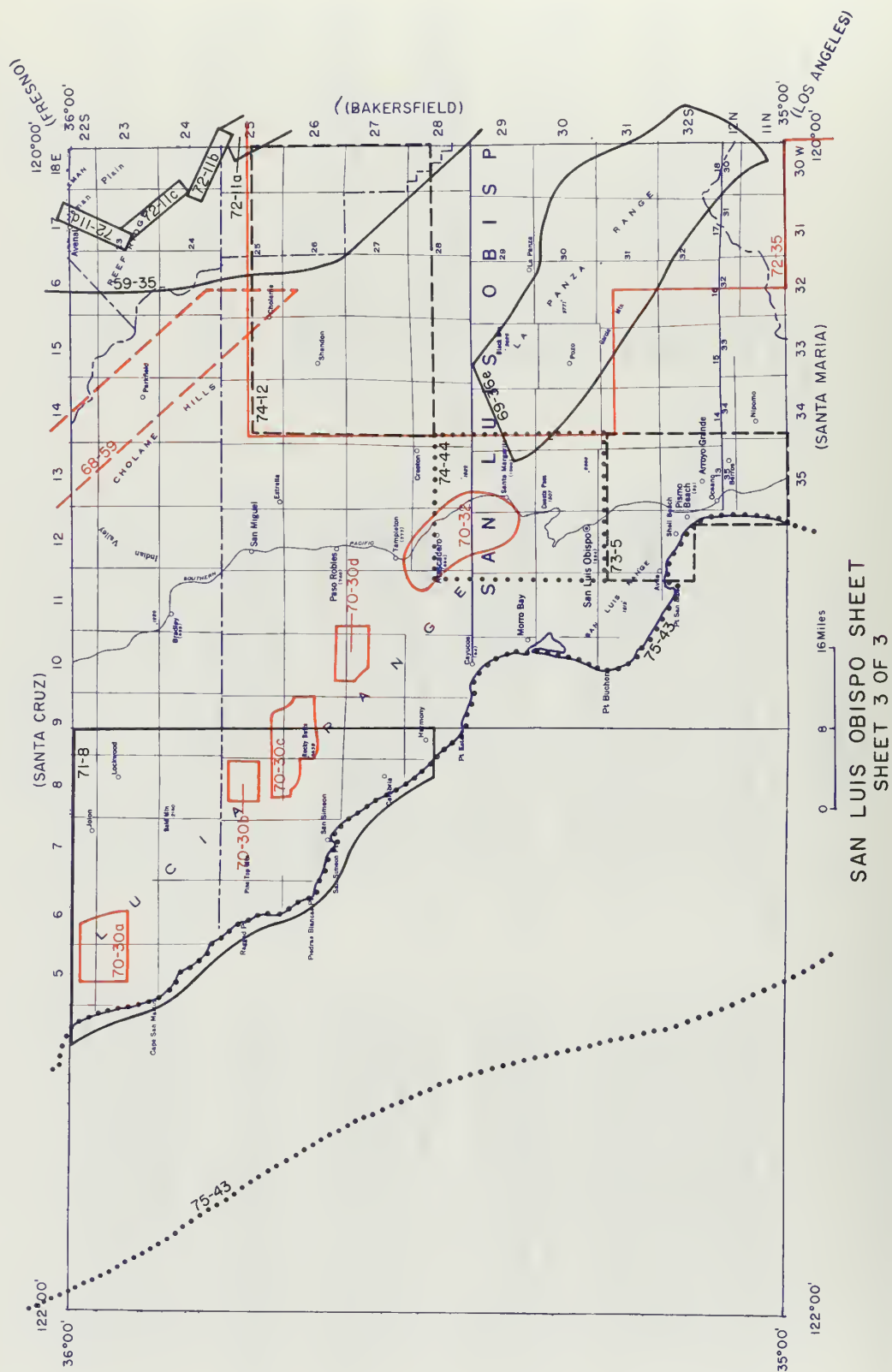
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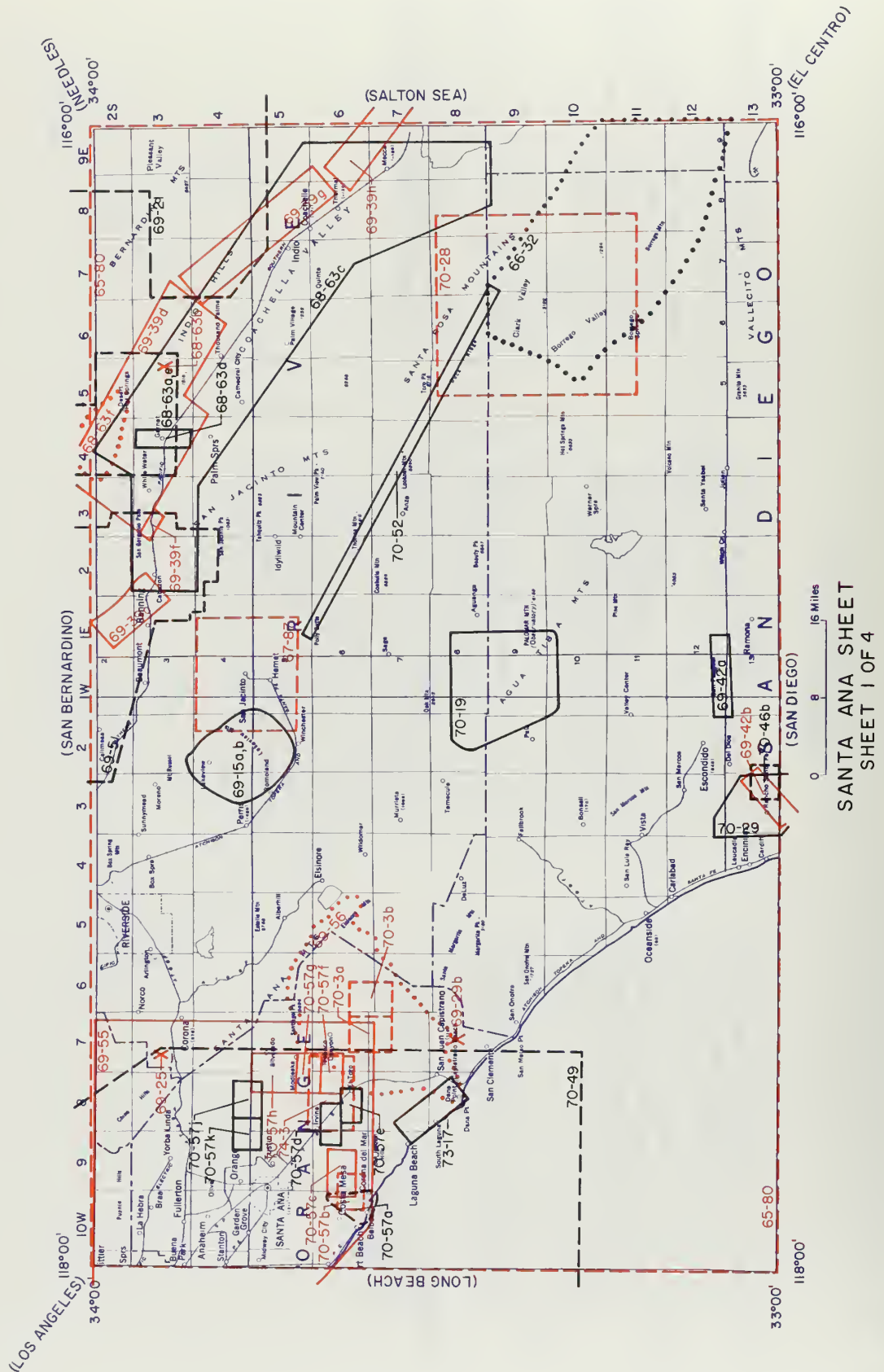
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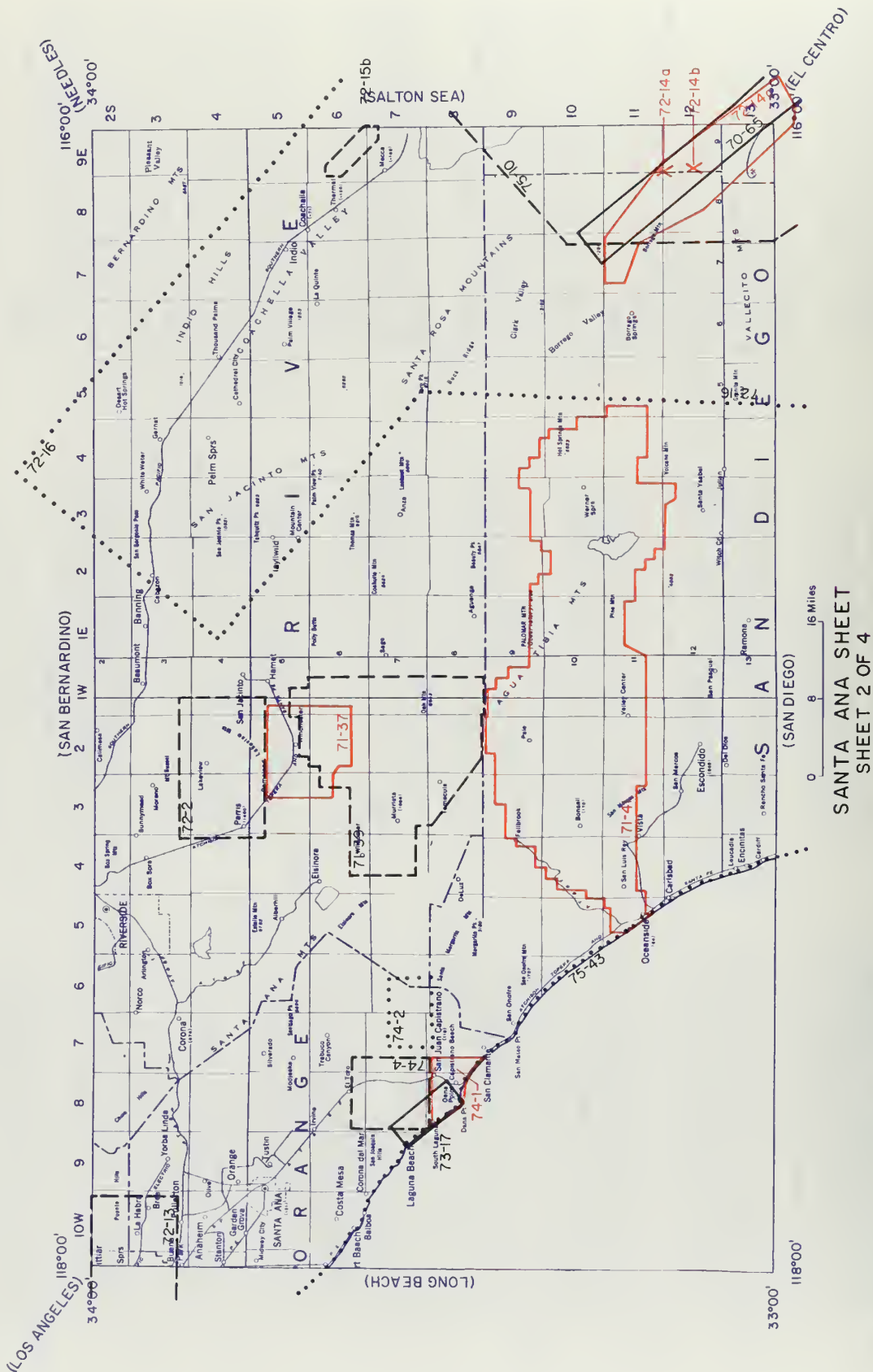
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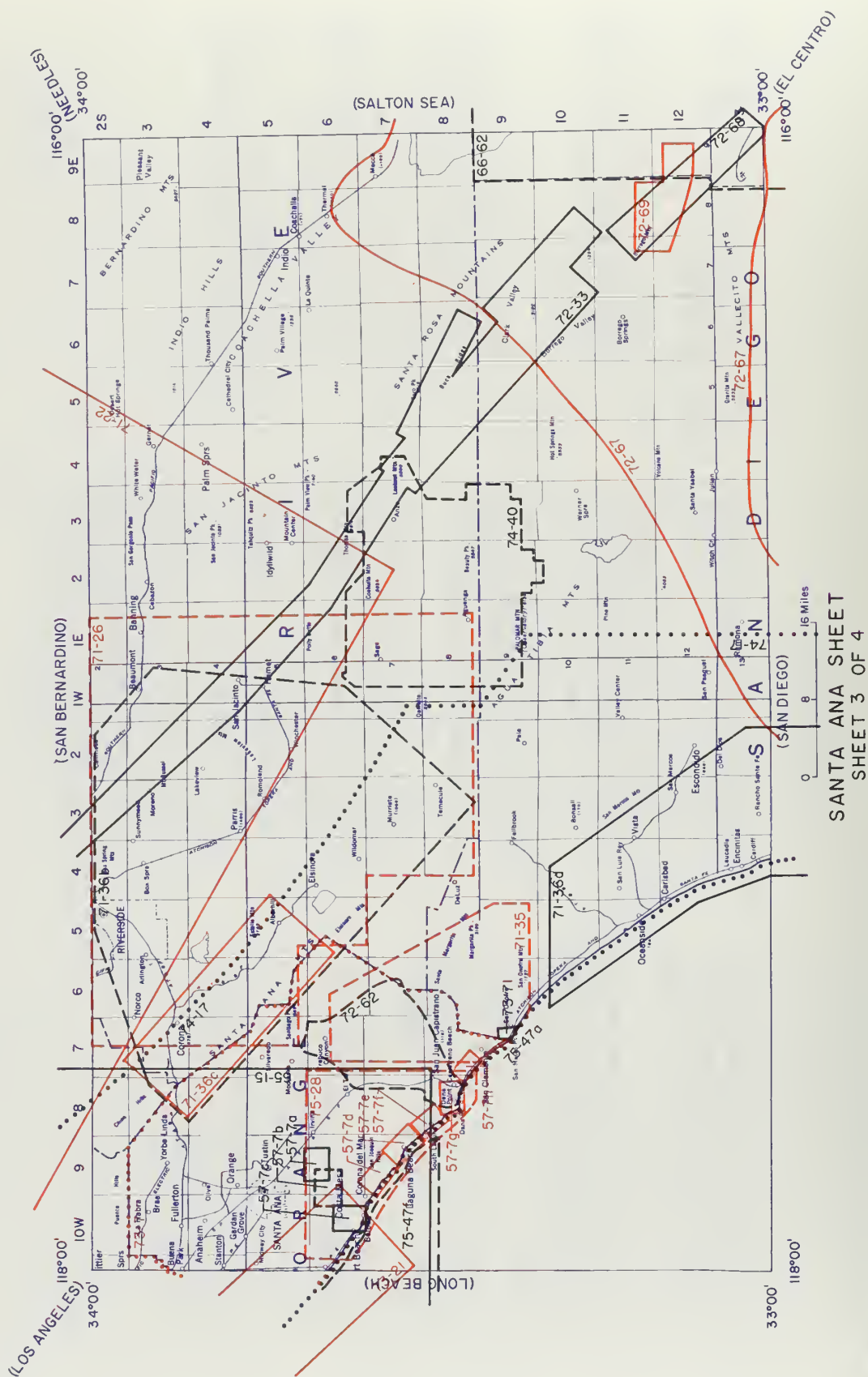






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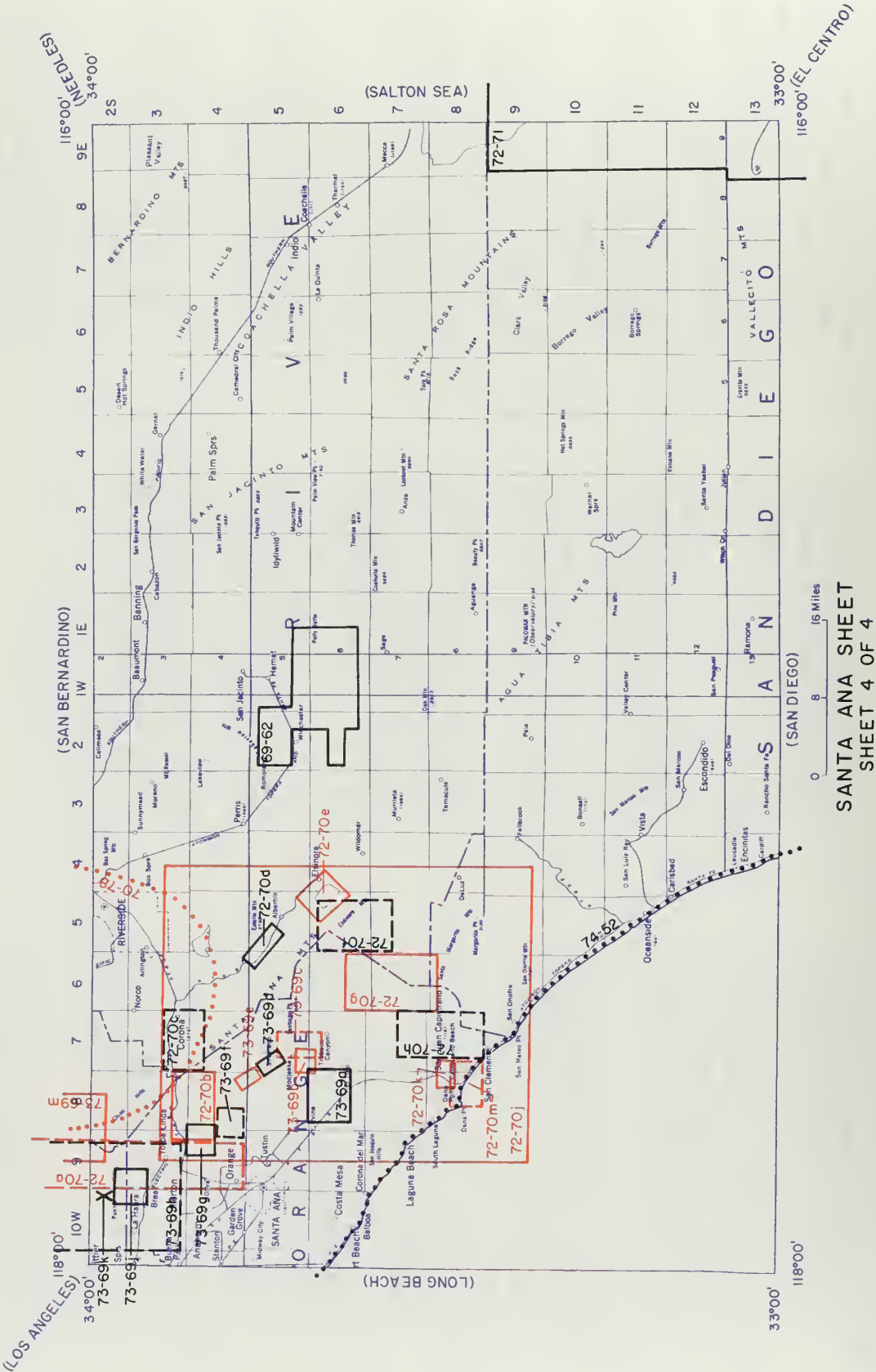
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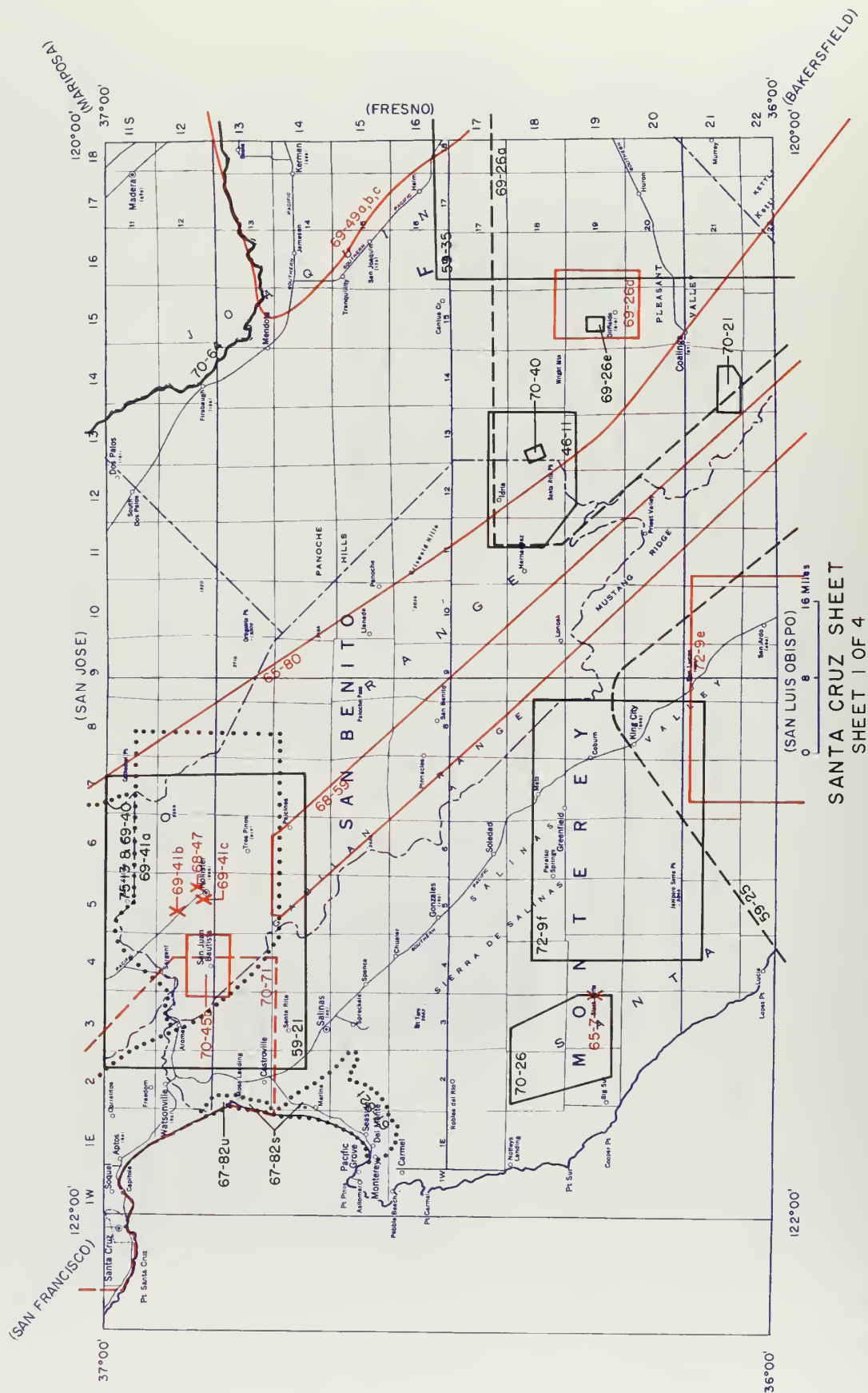






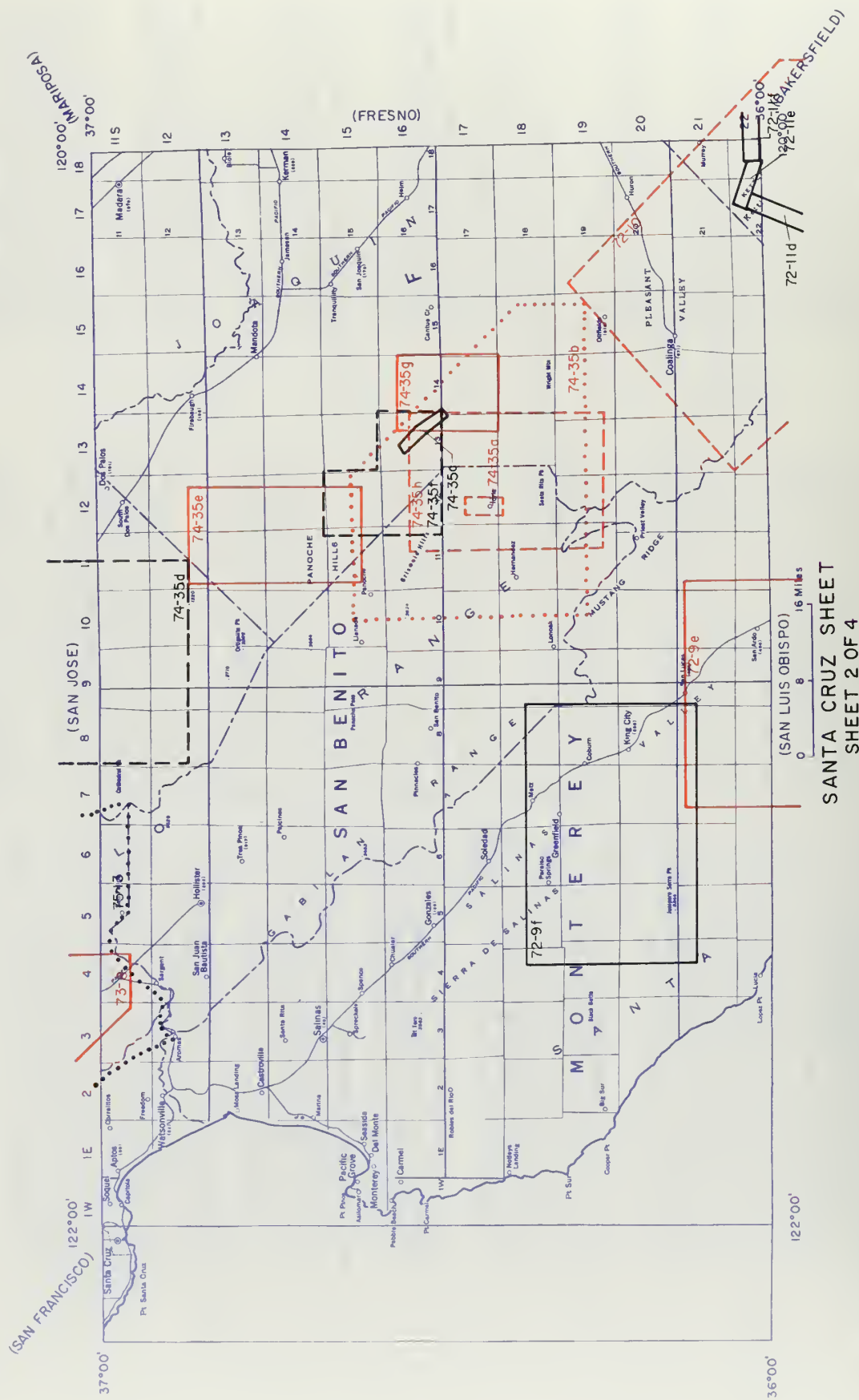
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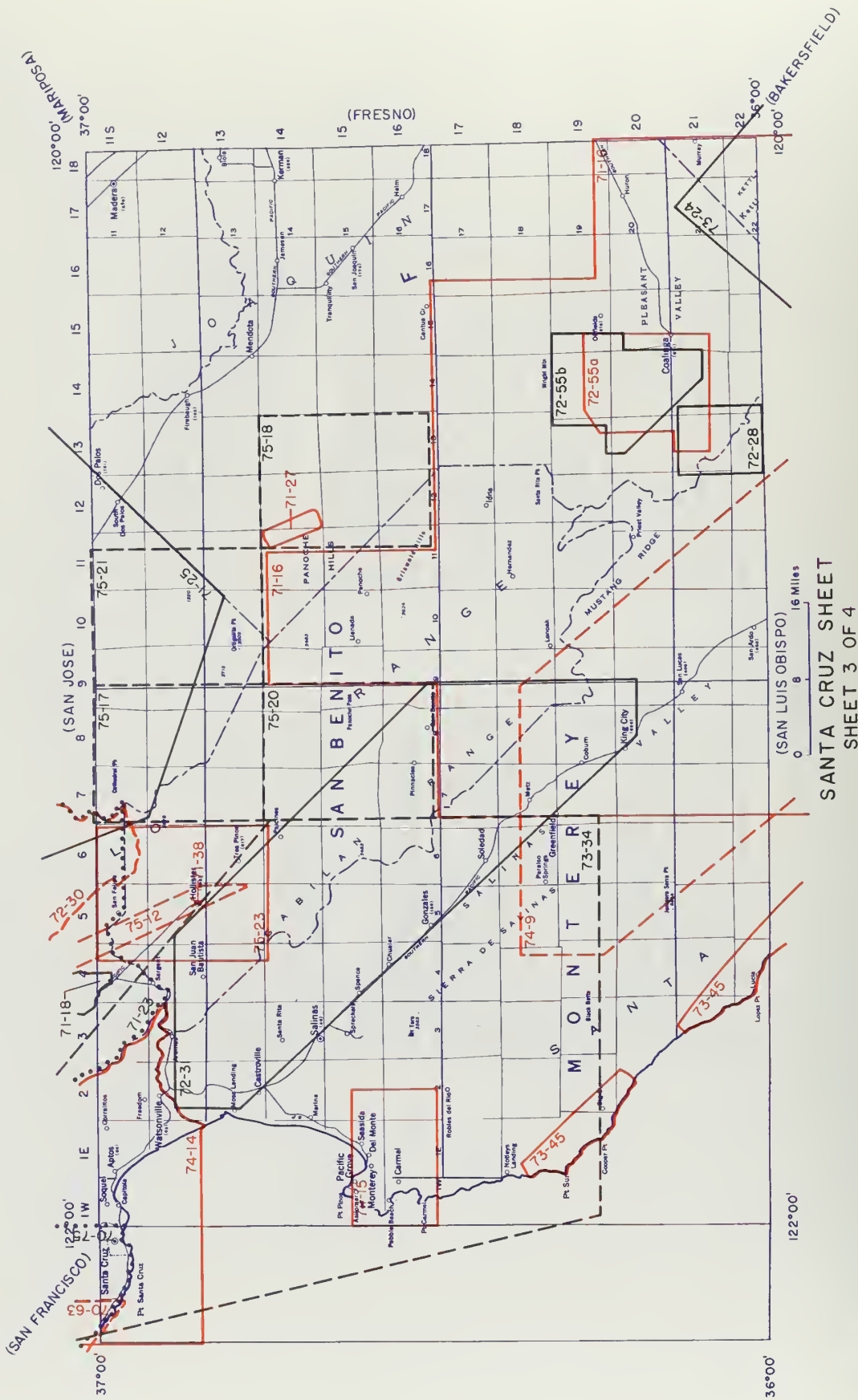
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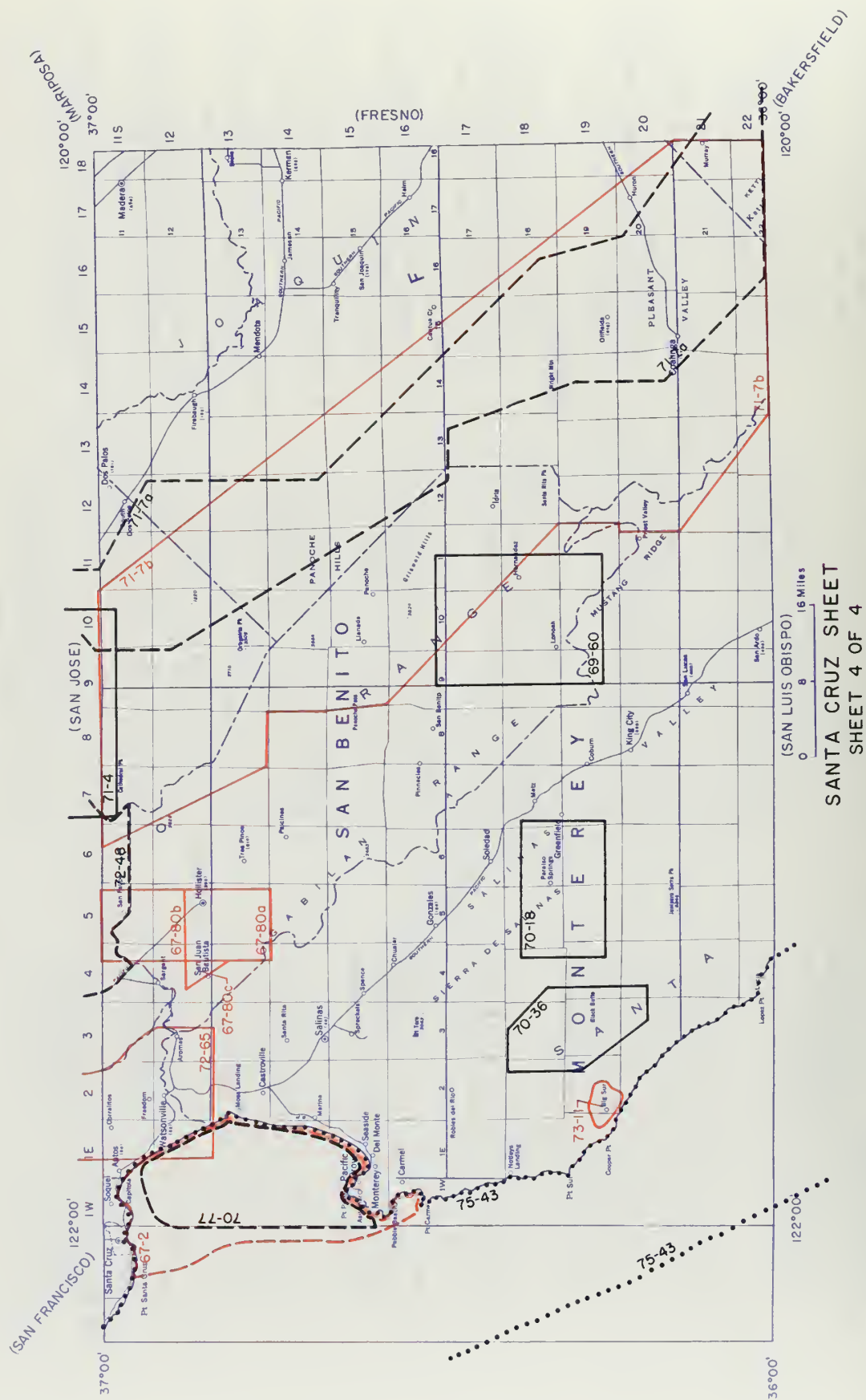


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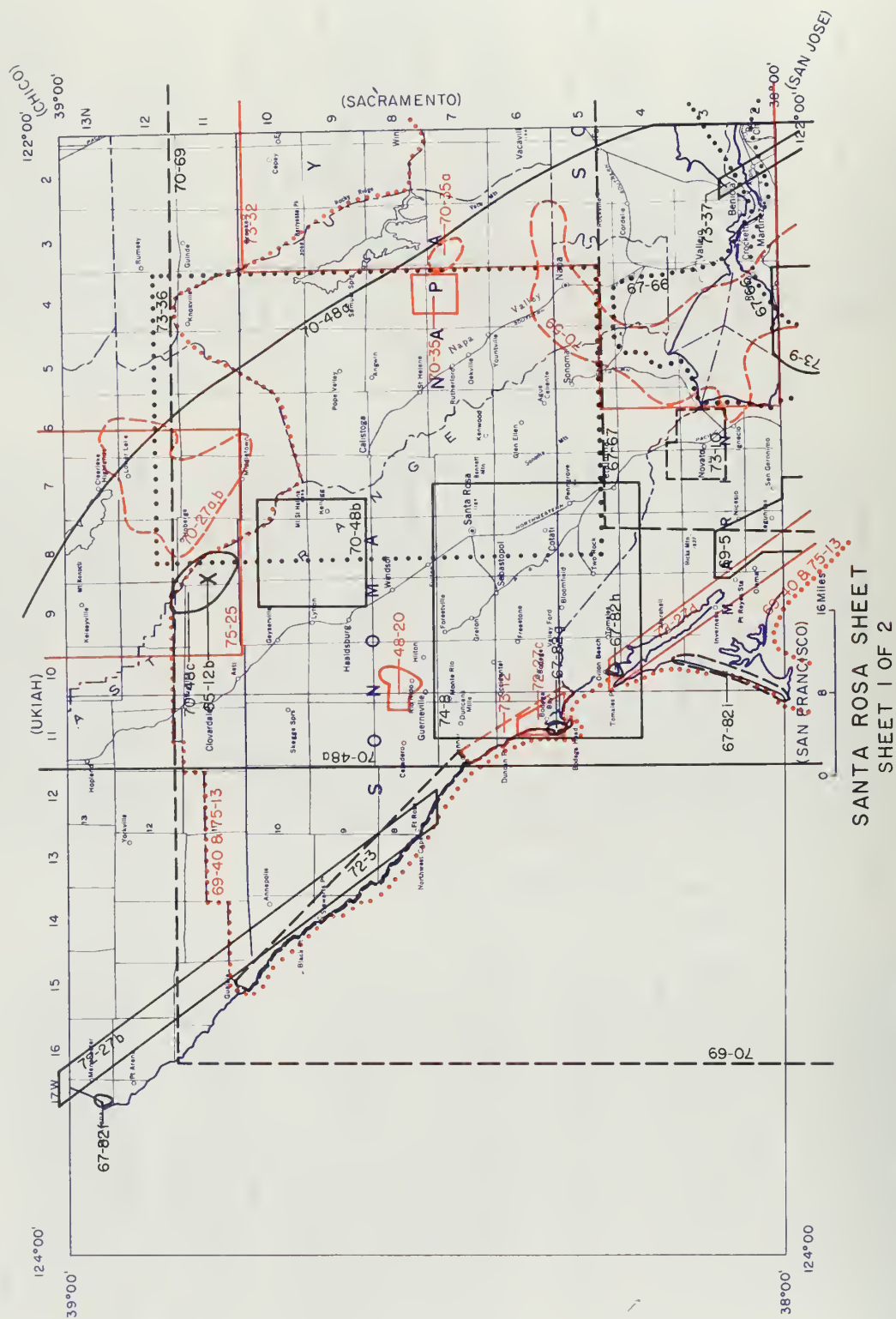


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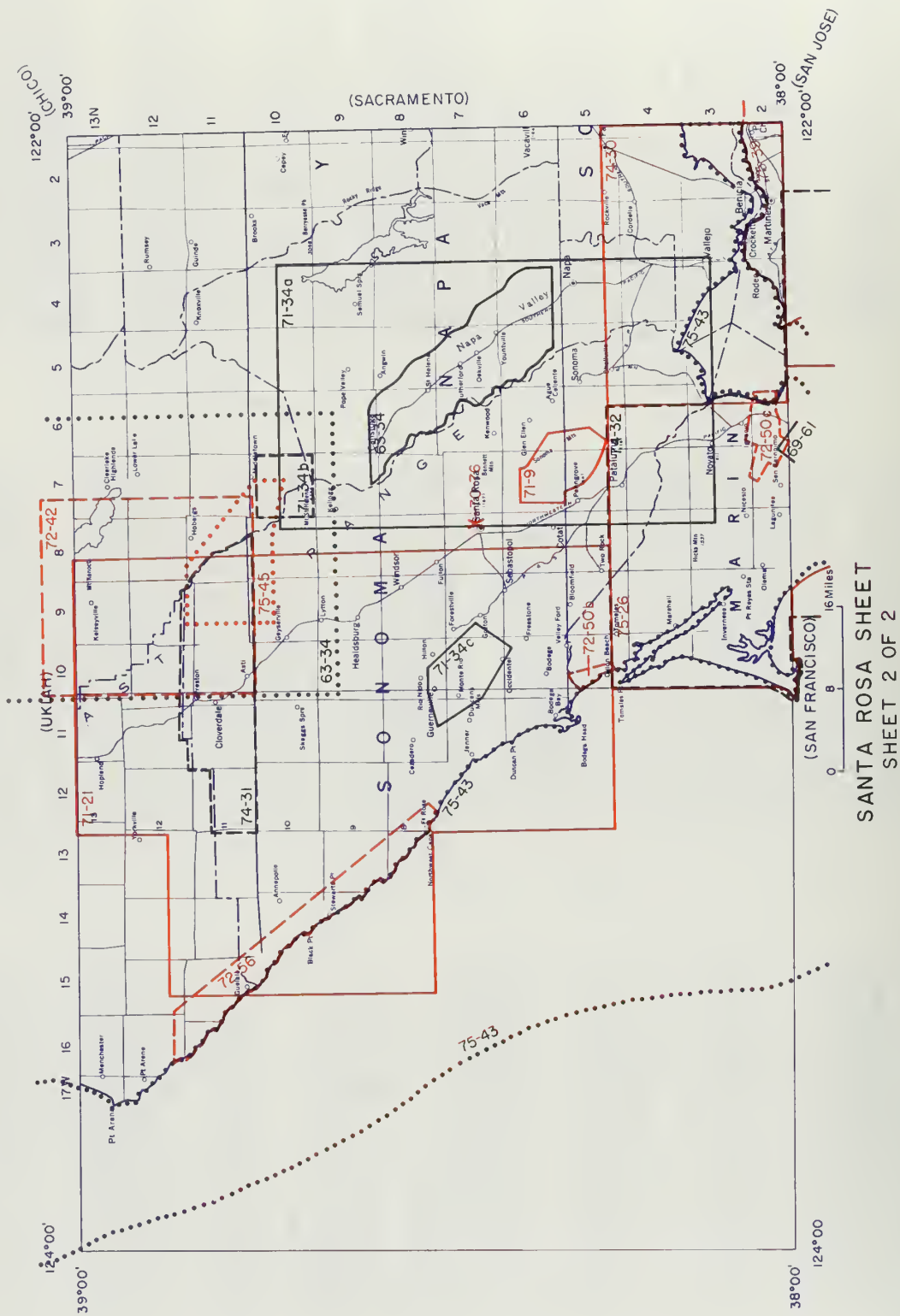


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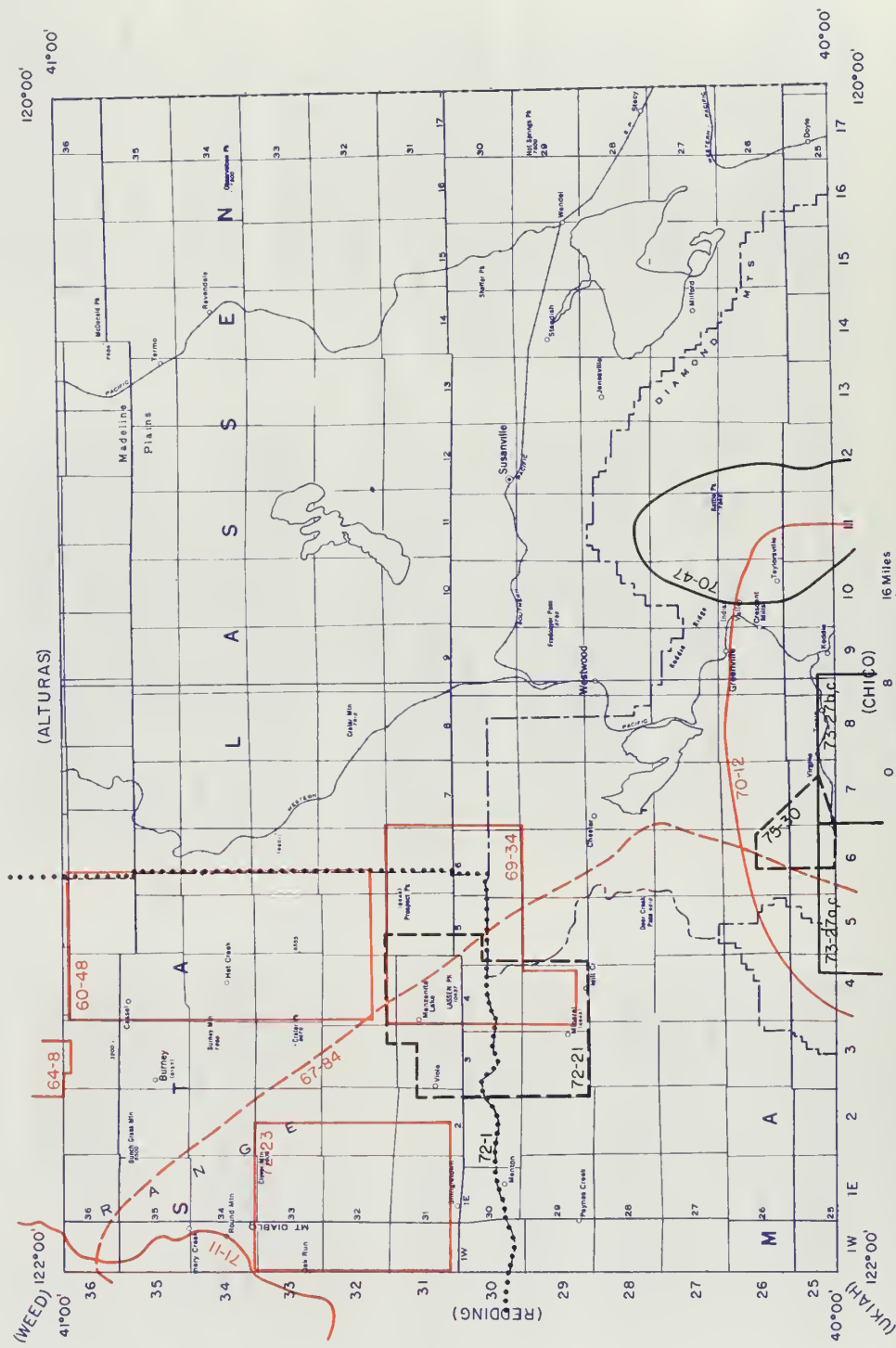
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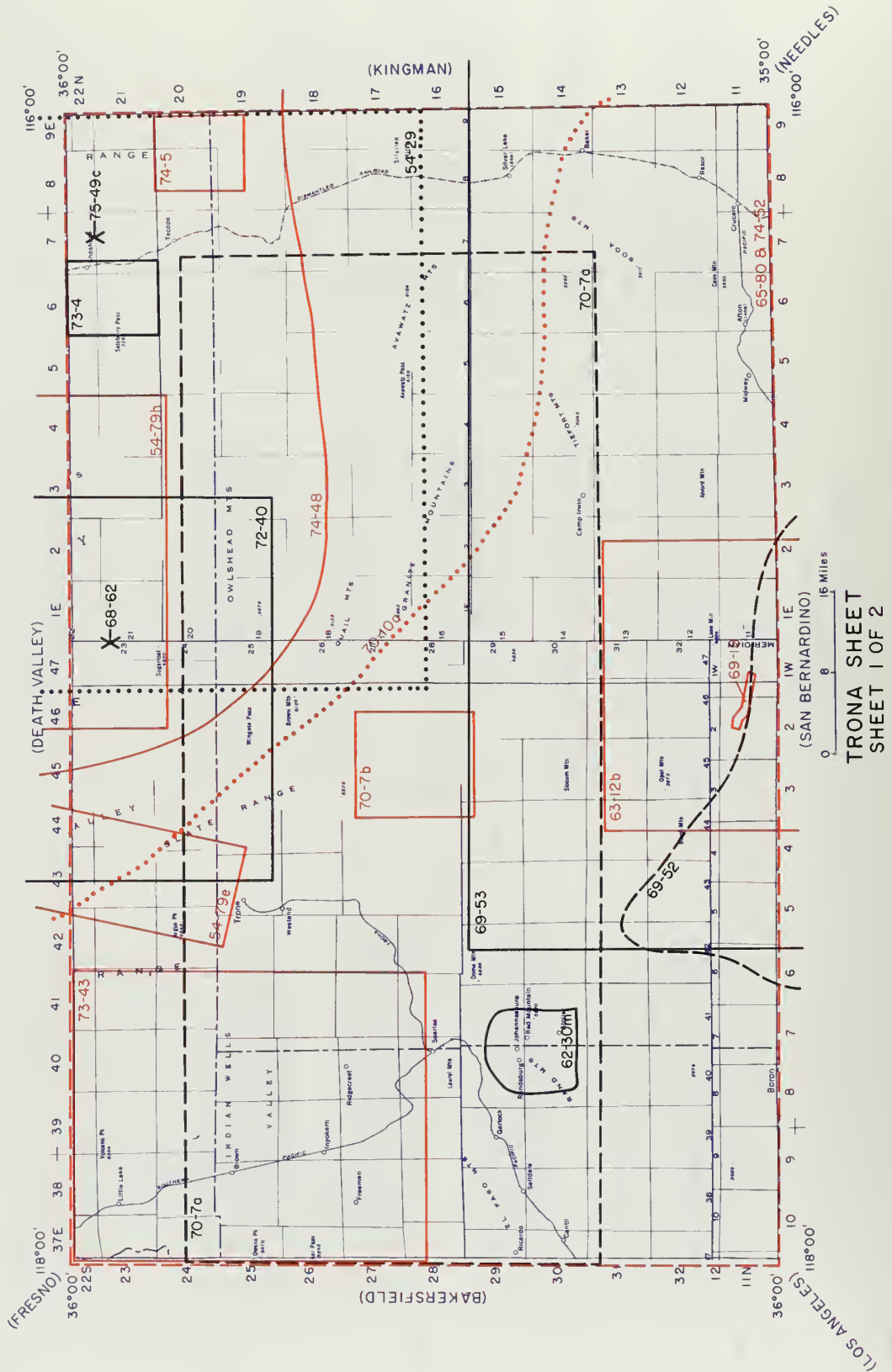


SUSANVILLE (WESTWOOD) SHEET



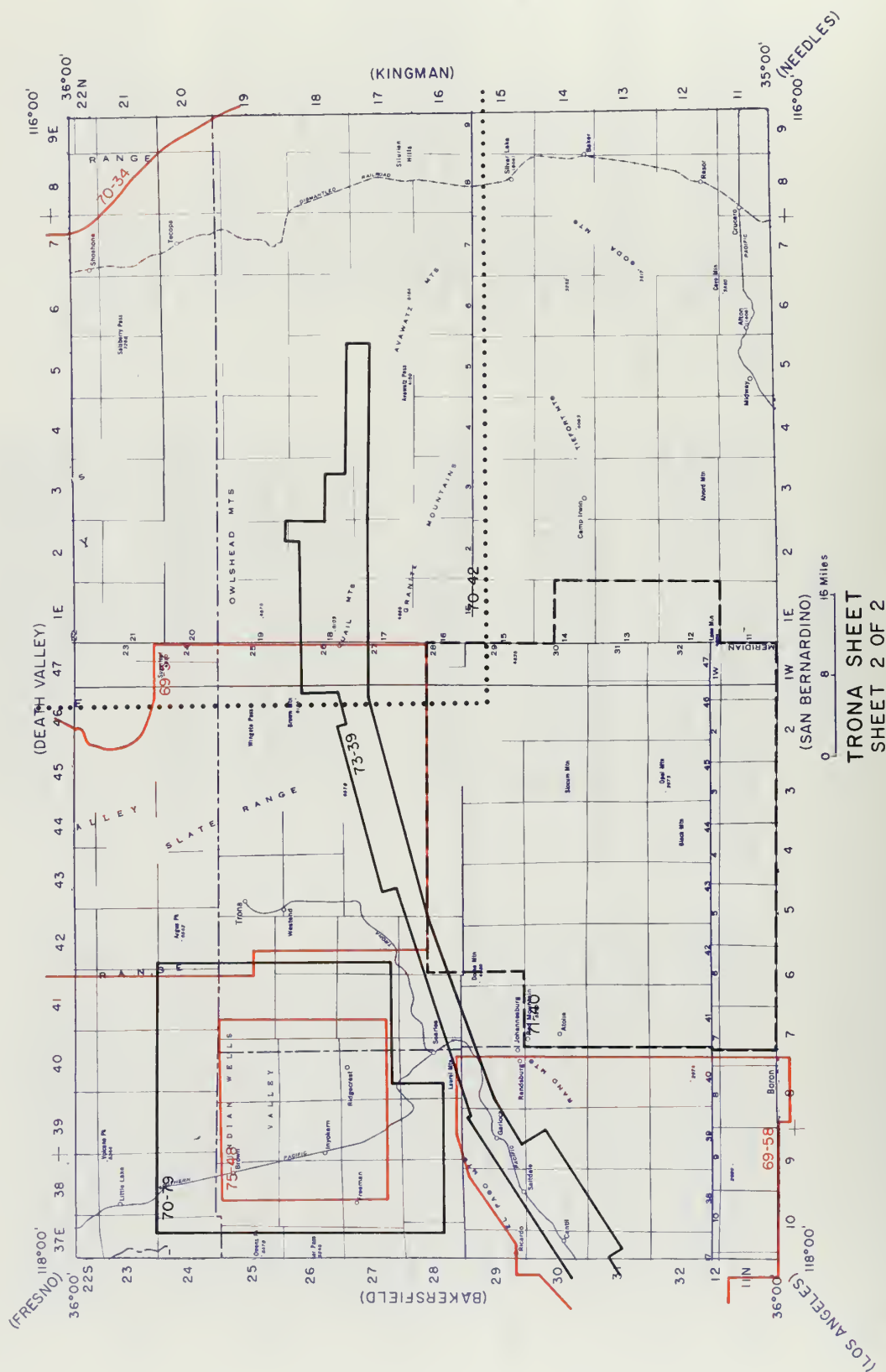
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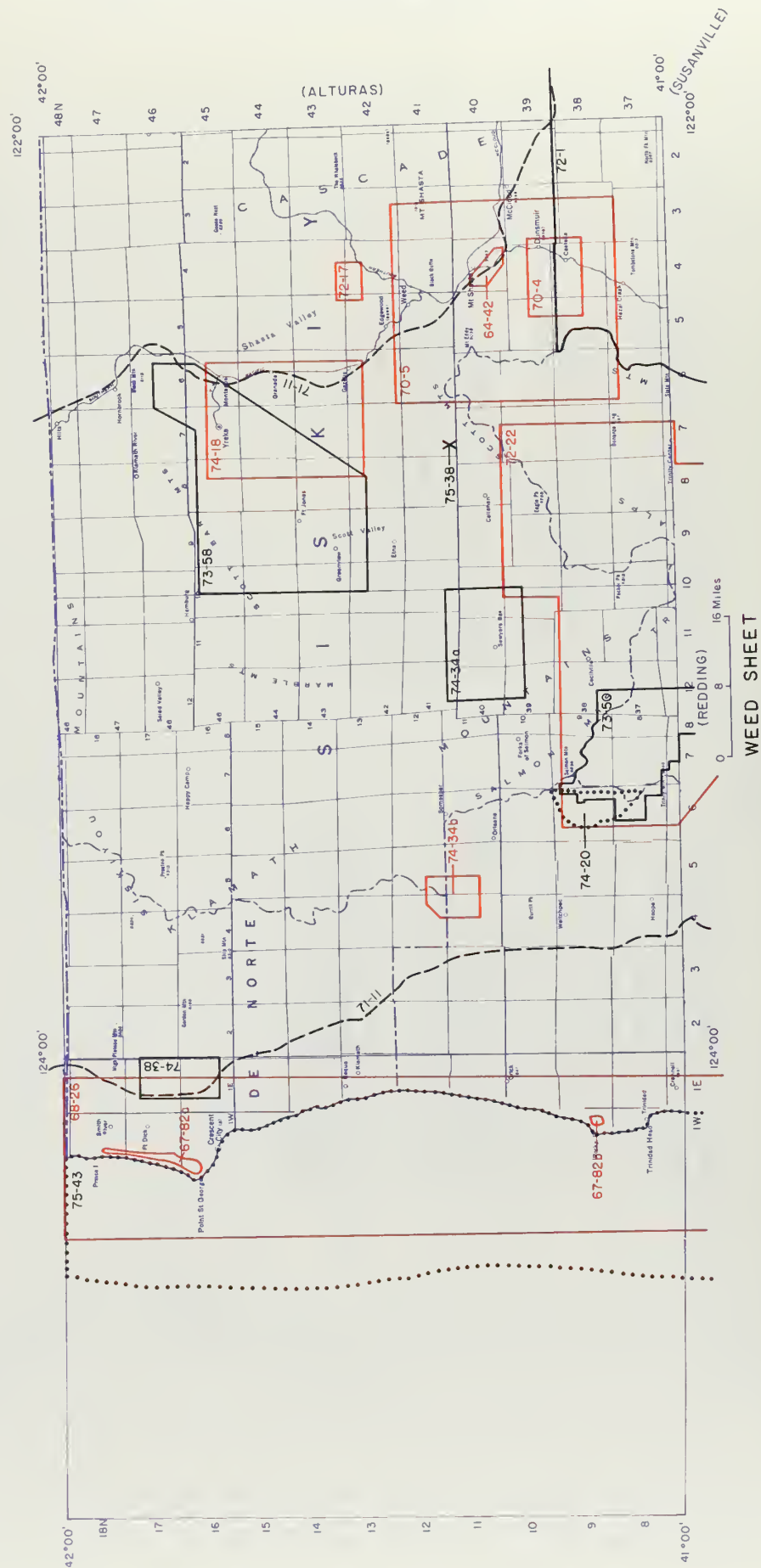
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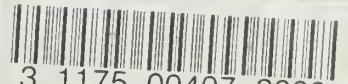






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